

RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1977 to June 30, 1978

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1977-1978

THE OHIO STATE UNIVERSITY

HAROLD L. ENARSON, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
M. MERLE HARROD, Wapakoneta	September 2, 1969	May 13, 1978
JOHN L. GUSHMAN, Lancaster	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980
PATRICIA D. JAMES, Cleveland	July 18, 1972	May 13, 1981
CHESTER DEVENOW, Toledo	May 14, 1973	May 13, 1982
WARREN J SMITH, Columbus	January 6, 1975	May 13, 1983
JOHN D. JACOB, Worthington	May 14, 1975	May 13, 1984
DONALD J. HILLIKER, Bellefontaine	May 14, 1976	May 13, 1985
JOHN F. HAVENS, Delaware	May 14, 1977	May 13, 1986
DANIEL M. GALBREATH, Columbus	May 14, 1978	May 13, 1987

OFFICERS

JOHN L. GUSHMAN, *Chairman*
HOWARD D. SIRAK, *Vice Chairman*
EDWARD Q. MOULTON, *Secretary*
ERNEST W. LEGGETT, *Treasurer*¹
LEONARD V. COOK, *Acting Treasurer*²

¹ Retired February 28, 1978

² Effective March 1, 1978

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND TWENTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 22, 1977

The Board of Trustees met at its regular monthly meeting on Friday, July 22, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, Howard D. Sirak, M. Merle Harrod, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

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Minutes of the last meeting were approved.

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July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 78-1

Synopsis: Resolutions honoring the service of seven of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Leo J. Greenwald

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 10, 1977, of Dr. Leo J. Greenwald, Instructor Emeritus in the College of Dentistry.

Dr. Greenwald received his D.D.S. degree from the Chicago College of Dental Surgery in 1919. He received a Fellowship from Mayo Clinic from 1923 to 1925. He was in private practice in Ludington, Michigan, from 1919 to 1923. He was appointed Instructor in Oral Surgery at The Ohio State University College of Dentistry in 1953 and served in that capacity until his retirement in 1967. He also had a private practice in Columbus. His hospital affiliations included University Hospital, Grant Hospital, Mt. Carmel Hospital and Mercy Hospital.

Dr. Greenwald was a member of the Columbus Dental Society and served as President from 1941-1942. He was also a member of the Ohio State Dental Society, American Society of Oral Surgery, Great Lakes Society of Oral Surgery, American Dental Association, and the Ohio State Society of Anesthesiology.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Earl G. Jones

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 6, 1977, of Dr. Earl G. Jones, Professor Emeritus in the College of Dentistry.

Dr. Jones received his D. D. S. degree from Starling-Ohio Medical College in 1912. He was in private practice in Marysville, Ohio, for one year and in Columbus, from 1914 until 1968. He was a member of the faculty at The Ohio State University College of Dentistry from 1916 until 1961 when he retired.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Earl G. Jones (contd)

Dr. Jones was Past President of the Ohio State Dental Association and the American Orthodontic Association. He was a member of Omicron Kappa Upsilon a dental honor society and a Fellow of the American College of Dentists. He was a 33rd Degree Mason, Past Potentate of Aladdin Temple, a charter member of Columbus Rotary, and a member of Bexley Methodist Church.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Percy W. Ott

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 19, 1977, of Percy W. Ott, Professor Emeritus in the Department of Engineering Mechanics.

Professor Ott was born in Mt. Hermon, Louisiana, on September 24, 1889. He received a B.S. degree from the University of Illinois in 1917. In 1919 he received a certificate of science from the University of Toulouse, France, and earned the first M.S. degree awarded by the Mechanics Department of The Ohio State University in 1932.

The teaching career of Professor Ott included service at The Ohio State University as Instructor in mechanics 1919-1921; Assistant Professor 1921-1928; Associate Professor 1928-1932; Professor from 1932 until his retirement in 1955; and Chairmanship of the Mechanics Department from 1934-1952.

Early in his career, he was a Principal in Louisiana Public Schools 1910-1912, owned and operated a saw mill 1912-1913. Professor Ott had extensive professional experience and served as an officer in the Corps of Engineers 1917-1919. Throughout his teaching career he served as a part-time design engineer and consultant to numerous industries. Following University retirement he served as consultant to Chief Scientist, U. S. Naval Air Missile Test Center.

Professor Ott expressed his technical interests as dynamics, stress analysis, and underwater sound systems. In the months immediately preceding his death, he was working on innovative ideas concerning mass transit systems, and had nearly completed an extensive report on the failure of the "Silver Bridge." He had hoped to add this to his extensive list of technical publications, in which field he also held three patents.

His professional and honorary society affiliations included Tau Beta Pi, Phi Kappa Phi, Pi Mu Epsilon, Sigma Xi, American Society of Civil Engineers, and A.S.E.E.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Percy W. Ott (contd)

Students considered Professor Ott one of the outstanding teachers in the College of Engineering. His natural ability to bring the applications of fundamental laws of mechanics down to the individual level of any student was an acknowledged trait. His patience in counseling, and his advice to young engineers were always available, exemplified by his well-known ethical standards. His broad experience and fertile mind supplied cogent analogies, quickly to clinch his point.

The Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was requested that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's sympathy in its bereavement.

Rupert Salisbury

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 23, 1977, of Rupert Salisbury, Assistant Dean and Professor in the College of Pharmacy.

Professor Salisbury received his Bachelor of Science and Master of Science degrees from Columbia University College of Pharmacy in 1949 and 1951, respectively. He received his Doctor of Philosophy degree from The Ohio State University in 1954 and his Juris Doctor degree from Capital University in 1969.

Professor Salisbury was a nationally known authority in the field of pharmacy. His fields of expertise were pharmaceutical law, professional practice and drug abuse. He served from 1960 to 1966 as Executive Secretary of the Ohio State Board of Pharmacy. Because of his broad interests and knowledge he was in constant demand as a speaker for many different groups, ranging from professional to lay audiences.

Active in professional societies, Professor Salisbury was a member of the American Pharmaceutical Association, American Society of Hospital Pharmacists, American Association of Colleges of Pharmacy, National Association of Boards of Pharmacy, American Society for Pharmacy Law, Ohio State Pharmaceutical Association, Academy of Pharmacy of Central Ohio, Ohio State Bar Association, American Association for the Advancement of Science, American Chemical Society as well as the honor societies - Sigma Xi, Rho Chi, Phi Lambda Upsilon. He received the College of Pharmacy's first Outstanding Teacher Award when it was established in 1973.

Through his inspiring and stimulating teaching, his warmth and human understanding, and his indomitable wit, Professor Salisbury gained the respect and affection of more than 20 graduating classes. His interest and influence continued into the professional and personal lives of alumni long after graduation.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Rupert Salisbury (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Harry D. Spangenberg, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 31, 1977, of Dr. Harry D. Spangenberg, Jr., Associate Professor in the College of Dentistry.

Dr. Spangenberg received his D.D.S. degree from the University of Pennsylvania in 1935; Intern and Resident in Oral Surgery, Metropolitan Hospital, New York City, 1935-38; and received his M.S. in Dental Surgery from the University of Minnesota in 1939.

Dr. Spangenberg was a member of the International Association for Dental Research, Columbus Dental Society, American Dental Association, American Dental Society of Anesthesiologists, Great Lakes Society of Oral Surgeons, American College of Dentists, American Academy of Oral Roentgenology, American Association for the Advancement of Science, American Dental Association Representative, and Consultant to the American National Standards Institute. He is also listed in *American Men of Science* and *Who's Who in Science*.

Dr. Spangenberg published numerous scientific articles, conducted research under the auspices and the sponsorship of various organizations including the Research Foundation at The Ohio State University, U. S. Air Force Office of Scientific Research, School of Aviation and Office of Naval Research. He was also a member of Omicron Kappa Upsilon dental honorary fraternity.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Harold S. Ward

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 10, 1977, of Harold S. Ward, County Extension Agent, Emeritus.

Mr. Ward was born January 14, 1894, in Bellefonte, Pennsylvania. He attended Bellefonte High School, graduating in 1912. A Bachelor of Science degree in horticulture was received from Penn State University in 1916. Additional education with credit toward a Master of Science degree was secured from The Ohio State University, Colorado State University and Western Reserve University.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Harold S. Ward (contd)

Mr. Ward joined the faculty of The Ohio State University as a County Extension Agent in Cuyahoga County on October 16, 1928, and retired from that same position on June 30, 1957. Prior to joining the faculty, Mr. Ward served in the U. S. Army for two years, as a high school teacher and superintendent for five years and as a County 4-H Club Agent in New Jersey for four years.

Mr. Ward was a dedicated and highly respected agricultural leader in Cuyagoga County. He was well known and respected among his peers on the Extension Faculty. In 1937 he served as President of the Ohio Cooperative Extension Agents Association. In recognition of his outstanding accomplishments he was awarded the Certificate of Distinguished Service by the National Association of County Agricultural Agents. He will long be remembered for his outstanding contributions to the greenhouse vegetable industry throughout Ohio and the nation.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that copies be tendered to the family as an expression of sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

Earl Wellington Wiley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 7, 1977, of Earl W. Wiley, Professor Emeritus of Communication. Professor Wiley retired on June 30, 1957, following 42 years of distinguished service to the University.

Born in 1886, Professor Wiley received his Bachelor of Arts degree from Dartmouth College in 1909, and his Master of Arts degree from Ohio State in 1917. He joined the faculty at Ohio State as an Instructor of English in 1915, and became a full Professor in 1927. In 1936 he helped create the Department of Speech, serving for several years as Acting Chairman.

Professor Wiley achieved national distinction as an interpreter of the rhetorical theories of Aristotle and of the speeches of Abraham Lincoln. His life-long study of Lincoln began with his volume on *Four Speeches by Abraham Lincoln* in 1927 and ended with the publication of *Abraham Lincoln: Portrait of a Speaker* in 1970.

Active in professional societies, Professor Wiley was a member of state, regional, and national associations in the field of communication. In 1957 he served as Chairman of the Abraham Lincoln Sesquicentennial Commission. One year later he was appointed to membership on the Ohio Civil War Sesquicentennial Commission.

Through his dedication to teaching and scholarship, his devotion to democracy, and his interest in people, Professor Wiley contributed significantly to the development of speech education in Ohio and the nation.

July 22, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Earl Wellington Wiley (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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MODIFICATION OF RULES OF THE UNIVERSITY FACULTY

11.12 (Ombudsman) and Repeal of 29.2731 (Campus Grievance Committee); 28.01b (Membership) and 28.03 (Term of Office); 37.15 (Withdrawal from Courses); 37.16 (Conditions for Continued Enrollment in Courses); and Repeal 47.01 (Withdrawal from University)

Resolution No. 78-2

Synopsis: The University Senate proposes modification and deletion of certain Rules of the University Faculty.

WHEREAS Rule 28.19 of the University Faculty sets forth procedures for amending Rules which require the approval and recommendation by the University Senate before transmission to the Board of Trustees for consideration; and

WHEREAS the University Senate at the meeting held June 4, 1977, approved modifications to and the deletion of several Rules set forth on the following pages and summarized as follows:

Rule 11.12

The procedure for selecting and monitoring the University Ombudsman is set forth in this Rule. Originally, an Advisory Committee on Campus Grievances had responsibility for recommending the person to be appointed as Ombudsman. This procedure is being modified with the Committee endorsing its own dissolution and the repeal of Rule 29.2731.

Rule 28.01b and 28.03

The members of the Intra-University Counselors' Organization believe they can communicate effectively to the Senate through their faculty senators, thus this group no longer wishes representation through non-voting members of the Senate. At the same time, the undergraduate student membership of the University Senate has indicated a need for Freshman representation on the Senate.

Rule 37.15

Modification of procedures for the withdrawal from classes and from the University is incorporated into a single rule which eliminates the need for Rule 47.01.

July 22, 1977 meeting, Board of Trustees

MODIFICATION OF RULES OF THE UNIVERSITY FACULTY (contd)

11.12 (Ombudsman) and Repeal of 29.2731 (Campus Grievance Committee); 28.01b (Membership) and 28.03 (Term of Office); 37.15 (Withdrawal from Courses); 37.16 (Conditions for Continued Enrollment in Courses); and Repeal 47.01 (Withdrawal from University) (contd)

Rule 37.16

This proposed rule was first developed and approved by the Board in July, 1976. Some unanticipated problems have developed since that time which have required the use of the University Police. Based upon this experience the Office of Student Services has recommended a revision in this rule which deals more effectively with disruptive conduct in the classroom.

NOW THEREFORE

BE IT RESOLVED, That the proposals from the University Senate approved June 4, 1977, be adopted.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

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**CHANGE NAME OF DIVISION OF COMPARATIVE LITERATURE AND LANGUAGES
TO DIVISION OF COMPARATIVE STUDIES IN THE HUMANITIES**

Resolution No. 78-3

Synopsis: A change of name is proposed for the Division of Comparative Literature and Languages.

WHEREAS the present name of the Division of Comparative Literature and Languages does not adequately represent its activities; and

WHEREAS the College of Humanities has proposed a name which more adequately describes the interdisciplinary instructional activities of the Division:

NOW THEREFORE

BE IT RESOLVED, That the action of the University Senate on June 4, 1977, which changed the name of the Division of Comparative Literature and Languages to Division of Comparative Studies in the Humanities be adopted by the Board of Trustees.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RULES

11.12. Ombudsman.

Section 1. The Ombudsman shall be appointed by the President with the approval of the Board of Trustees, from among a panel of three candidates presented by an ad hoc search committee composed of ten members as follows:

- two faculty members selected by the University Senate
- two undergraduate students, selected by the Student Assembly
- two graduate students, selected by the Council of Graduate Students
- two alumni, selected by The Ohio State University Association
- two non-teaching staff, appointed by the President of the University

Section 2. Qualifications for the office shall include a comprehensive knowledge of University organization and procedures, and a resident appointment at Ohio State for at least six consecutive years. The Ombudsman shall serve for a three-year term and be eligible for reappointment.

Section 3. The functions of the Ombudsman shall be (a) to receive and attempt to resolve individual grievances of members of the University community; and (b) to recommend procedural changes within the University in response to experience acquired in investigating individual cases. The Ombudsman shall have access to all administrative officials of the University and to all University records, including those of faculty members; will not have authority to take disciplinary action, reverse decisions, or circumvent existing University rules and procedures; shall supplement, not replace, other means for redress of grievances.

Section 4. The Ombudsman shall make periodic reports to the University community at large. (B/T 9/10/70)

28.01. Membership.

- b. Non-voting Members: Senate Members not entitled to vote on the floor of the Senate, but otherwise to participate in all Senate deliberations, shall include the University Ombudsman, the Director of Alumni Affairs, the President of Freshmen Senate, the President of Undergraduate Student Government, the Vice President of Undergraduate Student Government, the President of the Council of Graduate Students, and the President of the Inter-Professional Council.

28.03. Terms of Office.

Ex officio Members serve by virtue of their position and shall have no fixed term of office.

Faculty Members shall serve three-year terms, with one-third being elected each year; they shall be ineligible for one year for re-election.

Student Members shall serve one-year terms and be eligible for re-election. (B/T 7/7/72, B/T 7/9/76)

RULES

37.15 Withdrawal from Courses or from the University.

Section 1. Withdrawal from the University during a quarter constitutes withdrawal from all courses in which a student is enrolled during that quarter.

Section 2. To withdraw from any or all courses, a student must file the appropriate form with the authorized representative of the Dean or Director of the student's enrollment unit.

Section 3. Until 5:00 p.m. of the fourth Friday of a quarter (third Friday of the relevant term for Summer term courses) a student may withdraw from any or all courses which began in the same quarter (or term), and no mark will be entered on the student's official permanent record.

Section 4. After 5:00 p.m. of the fourth Friday of a quarter and until 5:00 p.m. of the seventh Friday of a quarter, if a student withdraws from any or all courses which began in the same quarter, the Director of Student Records is authorized to enter the mark W on the student's official permanent record for the courses withdrawn.

Section 5. After 5:00 p.m. of the seventh Friday of the quarter (or the third Friday of the relevant term for Summer term courses), a student who because of circumstances beyond his/her control finds it necessary to withdraw from any or all courses, must file the appropriate petition with the authorized representative of the Dean or Director of the enrollment unit. Reasons not acceptable include (but are not limited to) the student's performance in the course(s), lack of preparation for the course(s), or dissatisfaction with the subject matter offered in the course(s). If the petition is approved, a copy will be filed with the Director of Student Records who is then authorized to enter the mark W on the student's official permanent record and the instructor(s) of the course(s) will be so notified. If the petition is not approved, the student continues to be enrolled in the course(s) and a final mark must be submitted by the instructor(s).

Section 6. Withdrawal from any or all courses shall not be permitted after the last day of regularly scheduled classes, that is, after the beginning of the period scheduled by the University for final examinations.

Section 7. A student who stops attending a course (or courses) and does not officially withdraw from it (them) shall have the appropriate mark as submitted by the instructor entered on the student's official permanent record for the course(s). Such a mark shall be based on the grading criteria used to evaluate all students in the course.

Section 8. Graduate professional colleges shall formulate rules to govern withdrawal of their students from courses in their respective curricula, subject to the approval of the Council on Academic Affairs, and publish these rules in their respective bulletins.

Section 9. For provision regarding return of fees, when applicable, see Rule 43.09.

RULES

37.16. Conditions for Continued Enrollment in a Course.

Section 1. After consultation with the classroom instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from an undergraduate course if:

- a. by the third instructional day of the quarter or the second scheduled class session of the course, whichever occurs later, the student fails to attend the scheduled course without giving prior notification to his instructor. In such cases the chairperson (or other appropriate administrative official) shall notify the student's college office. A change ticket removing the course from the student's schedule shall be prepared and copies forwarded to the student and to the Office of Records. The student is not relieved of the responsibility for dropping such course in the customary way.
- b. the student either enrolls to audit a course without the instructor's approval or, after receiving such approval, the student fails to meet the conditions of the audit enrollment established by the instructor. Disenrollment procedures shall be the same as in (a) above.
- c. the student fails to meet the prerequisites of the course or fails to demonstrate adequate preparation as provided in Rule 37.13. Disenrollment procedures shall be the same as in (a) above.

Section 2. After consultation with the classroom instructor, students in the class, and the student in question, the chairperson (or other appropriate administrative official) may disenroll a student from a course if the student presents a clear and present threat of bodily harm or injury to the instructor or fellow students, or after warning continues to engage in disruptive conduct, either of which results in impairment of teaching or learning processes;

- a. If, after attempting to resolve the difficulty by informal means, the department chairperson (or other appropriate administrative official) deems disenrollment necessary, the affected student shall be notified in writing. The notice shall be delivered by hand or sent through ordinary mail to the student at the last address supplied pursuant to Rule 41.15. Copies of the disenrollment action shall be sent to the dean of the instructional college, the dean of the student's college, the Office of Records, and the Office of Student Services.
- b. The Student may appeal to the Provost or designee for waiver of disenrollment under this Section, provided the appeal is filed within ten days of the disenrollment action. The Provost shall make final determination on the appeal within seven days.
- c. Disenrollment is effective upon the action of the department chairperson (or other appropriate administrative official), unless reversed by the Provost or designee.

Section 3. For disenrollment under this Rule, the Director of Student Records shall enter on the student's official permanent record:

- a. no mark, if the disenrollment occurs before 5:00 p.m. of the fourth Friday of a quarter (third Friday of the relevant term for Summer term courses), or
- b. the mark, W, if the disenrollment occurs after 5:00 p.m. of the fourth Friday of a quarter (third Friday of the relevant term for Summer term courses). (B/T 7/9/76)

REVISED BUDGET 1977-78

Resolution No. 78-4

I. INTRODUCTION

The Board of Trustees adopted the 1977-78 Current Funds Budget on June 8, 1977. Because the General Assembly had not passed an appropriations bill on that date, the Budget adopted in June was presented as a Provisional Budget.

On June 29, 1977, the General Assembly passed an appropriations bill which was signed by the Governor on June 30. That appropriations bill has prompted the University to revise some parts of its revenue and expenditure projections for 1977-78.

- * The Provisional 1977-78 Budget for OSU assumed restoration on a statewide basis of \$30 million for higher education; i.e., to those funding levels contained in the Executive Budget for the upcoming biennium. The appropriations bill did not contain the restoration, resulting in reductions of University revenue projections amounting to \$2.1 million for each year of the biennium.
- * A line-item supplement for the College of Dentistry is provided in the appropriations bill. This revenue supplement, amounting to \$299,000 for each year of the biennium, was not included in the Provisional University Budget although the University had budgeted some additional support for the health sciences and other critical program areas.
- * The Provisional 1977-78 Budget contained \$1.68 million to offset potential legislation mandating a 6% salary increase for Classified employees. Such legislation was not passed in conjunction with the appropriations bill. We are recommending deletion of this budgeted expenditure in the Revised 1977-78 Budget.

II. REVENUE CHANGES

The following revenue projections have changed as a consequence of the appropriations bill.

- * Restoration of instructional subsidies to that level contained in the Executive Budget was not achieved in the appropriations bill.

Instructional Subsidy Changes	-\$2,091,000
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- * A supplementary appropriation for the College of Dentistry was added to the appropriations bill upon recommendation of the Senate Finance Committee.

Dentistry Supplement	+\$ 299,000
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REVISED BUDGET 1977-78 (contd)

- * Total changes in projected revenues in the Revised Budget are:

Instructional Subsidy	-\$2,091,000
Dentistry Supplement	+\$ 299,000
Net Changes	-\$1,792,000

III. EXPENDITURE CHANGES

Corresponding reductions in expenditures have been made in this Revised Budget:

- * A bill mandating salary increases for Classified employees was not passed with the appropriations bill. This Revised Budget eliminates the reserve contained in the Provisional Budget to cover such salary increases.

Classified Pay Bill	-\$1,680,000
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- * Minimum flexibility funds have been reduced from \$1,770,000 to \$1,658,000.

Minimum Flexibility Fund	-\$ 112,000
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- * Net reductions in the revised budgeted expenditures are as follows.

Classified Pay Bill	-\$1,680,000
Minimum Flexibility Fund	-\$ 112,000
Total Changes	-\$1,792,000

IV. CONTINGENCY PLANNING

Several factors may necessitate future changes in revenue or expenditure estimates; e.g., enrollment fluctuations or legislation not at this date passed. Two items of legislation, if passed, would have considerable impact on the University's expenditures. Any future legislation concerning pay increases for Classified employees would affect expenditures, the amount depending on the percentage increase and the effective date of such legislation. A bill recently introduced in the House to mandate participation in the State retirement systems of employees presently exempted would also, if passed, result in additional expenditures.

This Revised 1977-78 Budget contains minimum flexibility funds and funds set aside for capitation and accreditation relief, adjusted in the manner described in Section III from those levels contained in the Provisional Budget. Further adjustments in these funds may be necessary as further information is available about those revenue and expenditure factors beyond the control of the University. If necessary, we may also adopt selectively alternate plans for reduced funding which the colleges and offices submitted during budget reviews.

July 22, 1977 meeting, Board of Trustees

REVISED BUDGET 1977-78 (contd)

V. RECOMMENDATION

It was recommended that the Revised Budget as proposed for 1977-78 be approved.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.

Dr. Jacob then made the following statement and proposed that a resolution be forwarded to the General Assembly.

On behalf of the College of Dentistry and its graduates, we would like to express our appreciation to the General Assembly for providing a supplemental support grant which is urgently needed to solve some of our accreditation problems. I hope in the future the graduates of the College of Dentistry appreciate this consideration and will act as though they are ready to take their place in the professional world.

RESOLUTION

Resolution No. 78-5

WHEREAS the Ohio General Assembly provided through House Bill 191 direct supplemental support to our College of Dentistry for this current biennium; and

WHEREAS these funds will be of material assistance in strengthening our academic programs within this College:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of this University conveys to the members of the Ohio General Assembly its sincere appreciation for providing a supplemental appropriation through House Bill 191 to our College of Dentistry for this current biennium.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 22, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET

BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Provisional Budget	Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$133,708	\$133,096
Libraries	7,225	7,126
Other Academic Support	2,379	2,330
Sponsored Programs Administration	2,070	2,070
Student Services	6,965	6,841
Plant Operation	22,889	22,368
Institutional Support	18,466	18,126
Total Instruction and General	\$193,702	\$191,957
Sponsored Research		
Research Foundation	\$ 19,480	\$ 19,480
Engineering Experiment Station	2,438	2,433
University Sponsored Programs	717	700
Other	2,351	2,351
Total Sponsored Research	\$ 24,986	\$ 24,964
Public Service		
University Hospitals	\$ 74,298	\$ 74,298
Cooperative Extension Service	16,950	16,950
University Sponsored Programs	2,374	2,353
Other	14,419	14,419
Conferences	1,760	1,760
Total Public Service	\$109,801	\$109,780
Scholarships and Fellowships	\$ 5,484	\$ 5,484

July 22, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Provisional Budget	Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 18,040	\$ 18,040
Intercollegiate Athletics	7,271	7,271
University Bookstores	4,263	4,263
Student Health Service	2,251	2,246
Student Unions	2,178	2,178
Parking Facilities	2,046	2,046
University Airport	1,668	1,668
Fawcett Center For Tomorrow	1,329	1,329
Other	937	937
Total Auxiliaries	\$ 39,983	\$ 39,978
TOTAL COLUMBUS CAMPUS	\$373,956	\$372,163
Regional Campuses		
Administration	\$ 168	\$ 168
Lima Campus	2,038	2,038
Mansfield Campus	2,218	2,218
Marion Campus	1,342	1,342
Newark Campus	2,028	2,028
Agricultural Technical Institute	2,200	2,200
Wright Patterson Graduate Center	195	195
Total Regional Campuses	\$ 10,189	\$ 10,189
GRAND TOTAL	\$384,145	\$382,352

July 22, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY

1977-78 CURRENT FUNDS BUDGET

SOURCES OF INCOME TO SUPPORT 1977-78 BUDGETS
(IN THOUSANDS)

	Provisional Estimated Income	Revised Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,903	\$127,111
Federal	45,326	45,326
County	4,081	4,081
Subtotal	\$178,310	\$176,518
Student Fees		
Instruction and General	\$ 53,625	\$ 53,625
Room and Board	14,775	14,775
Other	1,975	1,975
Subtotal	\$ 70,375	\$ 70,375
Other Income		
Auxiliary Sales and Charges	\$ 94,239	\$ 94,239
Department and University Services	16,887	16,887
Endowment Income	2,886	2,886
Gifts and Grants	11,950	11,950
Temporary Investments	2,100	2,100
Subtotal	\$128,062	\$128,062
TOTAL COLUMBUS CAMPUS	\$376,747	\$374,955
Regional Campuses		
Lima Campus	\$ 2,418	\$ 2,418
Mansfield Campus	2,570	2,570
Marion Campus	1,529	1,529
Newark Campus	2,369	2,369
Agricultural Technical Institute	2,398	2,398
Wright Patterson Graduate Center	195	195
TOTAL REGIONAL CAMPUSES	\$ 11,479	\$ 11,479
GRAND TOTAL *	\$388,226	\$386,434
* Difference from Expense in Earnings Operations:		
Capital Reserves	\$ 3,184	\$ 3,184
Use of Balances	(\$ 227)	(\$ 227)
Increase in Balances	\$ 1,124	\$ 1,125
Total	\$ 4,081	\$ 4,082

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 78-6

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the June 8, 1977 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

Upon motion of Mrs. James, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Appointments

Name: ROBIN S. WILSON
Title: Associate Provost
Office: Academic Affairs
Effective: September 1, 1977
Salary: \$39,000.00
Present Position: Associate Director, Committee on Institutional Cooperation

Name: LEON I. TWAROG
Title: Acting Dean
College: Humanities
Effective: September 1, 1977
Salary: \$40,680.00
Present Position: Professor, Department of Slavic Languages and Literatures, and Director, Center for Slavic and East European Studies

Name: ROBERT S. KELLER
Title: Associate Dean
College: Social Work
Effective: October 1, 1977
Salary: \$21,840.00
Present Position: Associate Professor, College of Social Work

Name: DONALD E. CRAWFORD
Title: Assistant Vice President
Division: Continuing Education
Effective: September 1, 1977
Salary: \$34,080.00
Present Position: Director of Continuing Education and Professor of Political Science, Seattle University

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: MICHAEL J. GURALNICK
Title: Director, Nisonger Center, and Associate Professor
Department: Communication
Effective: August 1, 1977
Salary: \$35,040.00
Present Position: Director, National Children's Center, Washington, D. C.

Name: RICHARD EUGENE PAYNE
Title: Assistant to Vice President
Office: Public Affairs
Effective: August 15, 1977
Salary: \$23,040.00
Present Position: Sales Representative, PPG Industries, Inc., Delaware, Ohio

Name: JAMES E. A. JOHN
Title: Professor and Chairman
Department: Mechanical Engineering
Effective: September 4, 1977
Salary: \$40,080.00
Present Position: Professor and Chairman, Department of Mechanical Engineering, University of Toledo

Name: OTIS J. SPROUL
Title: Professor and Chairman
Department: Civil Engineering
Effective: September 1, 1977
Salary: \$40,080.00
Present Position: Director, Environmental Engineering Program, and Professor, University of Maine

Name: ROBERT J. JEFFERS
Title: Associate Professor and Chairman
Department: Linguistics
Effective: October 1, 1977
Salary: \$22,560.00
Present Position: Assistant Professor, Department of Linguistics

Name: GARY W. REICHARD
Title: Associate Professor and Chairman
Department: History
Effective: October 1, 1977
Salary: \$25,080.00
Present Position: Assistant Professor, Department of History

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name:	KENT P. SCHWIRIAN
Title:	Professor and Acting Chairman
Department:	Sociology
Effective:	October 1, 1977
Salary:	\$30,360.00
Present Position:	Professor, Department of Sociology

Leaves of Absence Without Salary

RAPHAEL O. NYSTRAND, Professor, Academic Faculty of Educational Administration, effective July 18, 1977 through August 14, 1977, to teach at the University of Victoria.

GEORGE COURTNEY CHAPMAN, Associate Professor, Department of Aviation, effective October 1, 1977 through April 15, 1978, to act as a consultant to Battelle on Aviation Safety Reporting System Project.

HOWARD CRANE, Assistant Professor, Division of History of Art, effective October 1, 1977 through January 31, 1978, to continue research developed in his dissertation and to complete the writing of his monographic study on the patronage of architecture of the Sultan Ala Al-Din Kayqubad.

KENNETH R. GORDON, Assistant Professor, Academic Faculty of Management Sciences, effective October 1, 1977 through June 30, 1978, to fill a visiting appointment at the University of Colorado.

PENELOPE S. GRIFFING, Assistant Professor, Department of Family Relations and Human Development, effective August 1, 1977 through August 31, 1977, for personal reasons.

FREDERICK L. SNIDER, Assistant Professor, Department of History, effective April 1, 1978 through September 30, 1978, to revise and complete a book manuscript.

HENRY J. STEWARD, Assistant Professor, Department of Geodetic Science, effective October 1, 1977 through September 30, 1978, to accept a Fellowship by the American Council of Learned Societies to pursue map projection research.

DIANE E. JOHNSON, Instructor, Cooperative Extension Service, effective July 1, 1977 through July 31, 1977, for personal reasons.

JANIS A. THOMPSON, Instructor, Cooperative Extension Service, effective July 1, 1977 through August 31, 1977, to attend the University of Wisconsin.

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

LLOYD M. PARKS, Pharmacy Administration, with the title Dean Emeritus, effective July 1, 1977.

HARRY L. BARR, Cooperative Extension Service - State Operations, with the title Professor Emeritus, effective July 1, 1977.

DONALD J. BORROR, Department of Entomology, with the title Professor Emeritus, effective July 1, 1977.

ROY H. BOWEN, Department of Theatre, with the title Professor Emeritus, effective October 1, 1977.

GILBERT H. CODDINGTON, Department of Architecture, with the title Professor Emeritus, effective July 1, 1977.

PAUL F. GRAHAM, Department of Engineering Mechanics, with the title Professor Emeritus, effective July 1, 1977.

EUGENE W. GREEN, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1977.

WILBUR C. HELD, School of Music, with the title Professor Emeritus, effective July 1, 1977.

CLARENCE E. JACKSON, Department of Welding Engineering, with the title Professor Emeritus, effective July 1, 1977.

DONALD C. KIPLINGER, Department of Horticulture, with the title Professor Emeritus, effective June 1, 1977.

ROBERT W. MCCORMICK, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1977.

JOHN W. NELSON, College of Pharmacy (Division of Pharmacology), with the title Professor Emeritus, effective July 1, 1977.

NORMAN F. PHELPS, School of Music, with the title Professor Emeritus, effective July 1, 1977.

CLARENCE E. TAFT, Department of Botany, with the title Professor Emeritus, effective July 1, 1977.

CHARLES T. WEST, Department of Engineering Mechanics, with the title Professor Emeritus, effective July 1, 1977.

DOROTHY C. BAILEY, College of Social Work, with the title Associate Professor Emeritus, effective September 1, 1977.

July 22, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

CLARICE E. BLOOM, Department of Home Management and Housing, with the title Associate Professor Emeritus, effective July 1, 1977.

SAMUEL P. DAYKIN, College of Social Work, with the title Associate Professor Emeritus, effective July 1, 1977.

ROSAMOND B. ENGLAND, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1977.

DORIS E. FULTON, Department of Human Nutrition and Food Management, with the title Assistant Professor Emeritus, effective July 1, 1977.

JEAN C. RHOAD, Lima Campus, with the title Assistant Professor Emeritus, effective July 1, 1977.

IRMA G. FITZENRIDER, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1977.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-7

Synopsis: The report on contracts, grants, and gifts and the summaries for May and June are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation; the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration and The Ohio State University Development Fund during the months of May and June, 1977, be approved.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	25	\$ 552,872.00
The Ohio State University Research Foundation	64	3,242,011.00
The Engineering Experiment Station	2	26,332.00
		\$3,821,215.00
The Ohio State University Development Fund	7,220 Donors	\$ 486,540.06
Establishment of Named Funds:		
Grace Ewing Bernatz Research Fund (College of Medicine)		\$125,272.12
McGregor Fund Undergraduate Business and Accounting Scholarship (College of Administrative Science)		50,000.00
The Wayne E. Brown Scholarship (College of Administrative Science)		34,000.00
The Richard H. Kellogg Honors Scholarship Fund (Depart- ments of Animal Science and Dairy Science)		20,000.00

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY, 1977 (contd)

Edistina Hendrix Rutherford Scholarship (Scholarship Assistance)	\$ 10,048.12
John Paul Benua Memorial Fund (College of Agriculture and Home Economics)	10,000.00
Mervin G. Smith International Scholarship Fund in Agri- culture, Home Economics and Natural Resources (College of Agriculture and Home Economics and School of Natural Resources)	2,500.00
The Alan Clay Bondurant Memorial Fund (Department of Agricultural Engineering)	2,000.00

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JUNE, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	19	\$2,915,046.84
The Ohio State University Research Foundation	96	5,473,955.39
Engineering Experiment Station	3	265,271.00
		\$8,654,273.23
The Ohio State University Development Fund	4,143 Donors	\$1,448,240.97

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$72,091.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Clinical Psychology - Training Grant, Department of Psychology, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH05061-31)

\$43,150.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Hospital and Health Services Administration - Training Grant, Hospital and Health Services Administration, July 1, 1977 through June 30, 1978. (Grant No. 5 A04 AH02050-03)

\$37,070.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Physical Therapy - Teacher Preparation (M.S.) - Training Grant, School of Allied Medical Professions, January 1, 1978 through December 31, 1978. (Grant No. 5 A02 AH00667-03)

\$26,580.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Medical Dietetics - Administration (M.S.) - Training Grant, School of Allied Medical Professions, January 1, 1978 through December 31, 1978. (Grant No. 5 A02 AH00761-02)

\$22,380.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, M.S. in Medical Technology - Teacher Preparation - Training Grant, School of Allied Medical Professions, July 1, 1977 through June 30, 1978. (Grant No. 5 A02 AH00754-02)

\$16,296.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Psychiatry - Basic Residency - Training Grant, Department of Psychiatry, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH08458-14)

\$15,300.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Medical Student Apprenticeship Training Program - Training Grant, Department of Preventive Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 A07 AH00309-03)

\$15,203.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Child Psychiatry - Training Grant, Department of Psychiatry, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH11296-10)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$14,678.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Clinical Psychology Internship Training - Training Grant, Department of Psychology, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH10778-11)

\$13,412.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Social Work Doctoral Program - Training Grant, College of Social Work, July 1, 1977 through June 30, 1978. (Grant No. 5 T01 MH11981-09)

\$11,165.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Dental Hygiene - Teacher Preparation (M.S.) - Training Grant, School of Allied Medical Professions, July 1, 1977 through June 30, 1978. (Grant No. 5 A02 AH00753-02)

\$10,609.00 - Department of Health, Education, and Welfare, Public Health Service, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardiovascular Training Program - Training Grant, Department of Medicine, April 1, 1977 through June 30, 1977. (Grant No. 3 T01 HL05968-04S1)

TOTAL - FEDERAL CONTRACTS/GRANTS **\$297,934.00**

State of Ohio Contracts/Grants

\$48,870.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Improving Selected Teacher Competencies of Secondary Vocational Education Teachers in Ohio Through Innovative Inservice Training Workshops, Department of Agricultural Education, May 1, 1977 through September 30, 1977.

\$44,187.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education - Staff Development, Academic Faculty of Vocational-Technical Education, effective May 18, 1977. (Project No. 053 A77-SD)

\$43,111.00 - State of Ohio, Department of Education, Division of Federal Assistance, Columbus, Ohio, A Comprehensive Plan for a Study of Adult Basic Education in Ohio, Academic Faculty of Vocational-Technical Education, October 1, 1976 through September 30, 1977.

\$22,289.00 - State of Ohio, Department of Education, Columbus, Ohio, Technical Workshops in Vocational Education in Agriculture, Department of Agricultural Education, June 1, 1977 through October 31, 1977.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$11,660.00 - State of Ohio, Department of Education, Columbus, Ohio, Effective Teaching/Learning Experiences for Children with Appalachian Heritage, Academic Faculty of Early and Middle Childhood Education, May 1, 1977 through May 1, 1978.

\$11,380.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving the Teaching of Writing in Secondary Schools, Academic Faculty of Humanities Education, May 1, 1977 through May 1, 1978.

\$10,450.00 - State of Ohio, Department of Education, Columbus, Ohio, Troy, Ohio: OSU Elementary Science Inservice - Implementation and Leadership Development Project, Academic Faculty of Early and Middle Childhood Education, May 1, 1977 through May 1, 1978.

\$10,350.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Teaching Effectiveness in the Teaching of Reading and Writing in the Middle School, Academic Faculty of Early and Middle Childhood Education, May 1, 1977 through May 1, 1978.

\$7,625.00 - State of Ohio, Department of Education, Columbus, Ohio, Basic Vocational Guidance Workshop, Academic Faculty of Special Services, June 20, 1977 through June 30, 1977.

\$6,433.00 - State of Ohio, Department of Education, Columbus, Ohio, Motorcycle Safety Education Teacher Preparation Workshop, Center for Vocational Education, April 1, 1977 through August 31, 1977.

\$5,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Upgrading Workshop for Electronics Instructors, Academic Faculty of Vocational-Technical Education, March 15, 1977 through August 31, 1977.

\$2,133.00 - State of Ohio, Department of Education, Division of Federal Assistance, Columbus, Ohio, A Comprehensive Plan for a Study of Adult Basic Education in Ohio: Second Revision, Academic Faculty of Vocational-Technical Education, October 1, 1976 through September 30, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$223,488.00**

Industrial and Other Contract/Grant

\$31,450.00 - The School District of Philadelphia, Philadelphia, Pennsylvania, for providing a continuing organization structure to facilitate further development of career education in member school districts, through programs of development, evaluation, training, dissemination and demonstration, Center for Vocational Education, November 15, 1976 through September 30, 1977.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$415,000.00 - U. S. Energy Research and Development Administration, Argonne, Illinois, High Energy Physics Studies, Department of Physics, 1 October 1965 through 31 January 1978. (Project 2116 and 2116-A, Modification No. A001)

\$189,000.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering, 15 April 1977 through 30 October 1977. (Project 4712-A1, New)

\$165,715.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, A Study of the Impact of Mobile Coronary Care Units, Department of Preventive Medicine, 1 May 1977 through 30 April 1978. (Project 4358-A2 - Extension No. 1)

\$160,178.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Water Quality Surveillance Program, College of Biological Sciences, 1 April 1977 through 31 March 1978. (Project 4717-A1 - New)

\$145,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research with a 7 MV Van de Graaff Accelerator, Department of Physics, 15 May 1977 through 31 May 1978. (Project 4738-A1 - New)

\$130,956.00 - Environmental Protection Agency, Washington, D. C., Effects of Sized Asbestos Fibers on Cellular DNA, Membrane Structure-function, Intermediary Metabolism and Cellular Transformation by Physical, Chemical, or Viral Carcinogen, Department of Radiology, 15 April 1977 through 14 April 1978. (Project 4395-A2 - Amendment No. 2)

\$105,505.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services. (Project 4378-A1 - Modification No. P00005)

\$95,480.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Delivery of Mental Health Services in Disasters, Department of Sociology, 1 June 1977 through 31 May 1978. (Project 4467-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$91,691.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Regional Ambulatory Cancer Chemotherapy Program, Department of Medical Administration, 1 May 1977 through 30 April 1978. (Project 4181-A3 - Extension No. 2)

\$85,000.00 - National Science Foundation, Washington, D. C., Synthetic Transition Metal Homogeneous Catalysis Systems Modelled After Natural Products, Department of Chemistry, 1 July 1975 through 30 June 1978. (Project 4159-A1 - Letter dated 12 May 1977)

\$78,200.00 - National Science Foundation, Washington, D. C., Silage-Silo Interaction Using Material Characterization and Finite Element Analysis, Department of Civil Engineering, 1 February 1975 through 31 March 1979. (Project 4124-A1 - Letter dated 14 April 1977)

\$77,938.00 - National Endowment for the Humanities, Washington, D. C., Summer Institute on Interdisciplinary Studies for Secondary School Teachers of French and Spanish, Academic Faculty of Humanities Education, 1 March 1977 through 28 February 1978. (Project 4714-A1 - New)

\$77,652.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Computer Graphics Research, Division of Art, 1 June 1977 through 31 May 1978. (Project 4715-A1 - New)

\$76,026.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions, Catalysis, and Macrocyclic Complexes, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 1501-P - Extension No. 14)

\$74,859.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Continued Work in Laser Atmospheric Propagation, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4232-D1 - Modification No. P00006)

\$68,925.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Surveys of Labor Force Behavior, Academic Faculty of Labor and Human Resources. (Project 3489-A1 - Modification No. 10)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$68,223.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Design and Synthesis of Fraudulent Sugars Related to Daunomycin, Department of Chemistry, 30 June 1975 through 29 June 1978. (Project 4226-A1 - Modification No. 2)

\$68,000.00 - National Science Foundation, Washington, D. C., Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons, Department of Chemistry, 1 September 1976 through 31 August 1978. (Project 4519-A1 - Letter dated 9 May 1977)

\$66,391.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology, 1 May 1977 through 30 April 1978. (Project 2797-H - Extension No. 8)

\$65,000.00 - Department of the Army, Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Electromagnetic Mine Detection and Identification, ElectroScience Laboratory, Department of Electrical Engineering, 5 May 1977 through 4 May 1980. (Project 4722-A1 - New)

\$58,100.00 - U. S. Energy Research and Development Administration, Argonne, Illinois, Fundamental Studies of Metal Fluorination Reactions, Department of Metallurgical Engineering, 1 May 1977 through 30 April 1978. (Project 4178-A3 - Modification No. A001)

\$54,733.00 - Department of the Army, Maryland Procurement Office, Fort George G. Meade, Maryland, Computer Program Improvement and Documentation, ElectroScience Laboratory, Department of Electrical Engineering, 3 May 1977 through 2 May 1978. (Project 4719-A1 - New)

\$52,500.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Department of Physics, 1 November 1976 through 30 September 1979. (Project 4596-A1 - Modification No. P00001)

\$52,287.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanisms of Lymphoid Cell Differentiation, Department of Anatomy, 1 May 1977 through 30 April 1978. (Project 4420-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$50,535.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry, 1 May 1977 through 30 April 1978. (Project 2811-H - Extension No. 8)

\$45,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry, 1 July 1976 through 30 June 1978. (Project 4444-A1 - Letter dated 26 April 1977)

\$39,000.00 - National Science Foundation, Washington, D. C., A Systematic Study of Pennisetum, Department of Botany, 15 April 1977 through 31 March 1979. (Project 4718-A1 - New)

\$38,455.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, College of Biological Sciences. (Project 4440-A1 - Amendment No. 2)

\$37,268.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, Department of Anthropology, 1 June 1977 through 31 May 1978. (Project 4421-A2 - Extension No. 1)

\$35,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center, 1 June 1976 through 30 June 1977. (Project 3976-T3 - Supplement No. 1)

\$34,110.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Phospholipid Metabolism, Department of Physiological Chemistry, 1 May 1977 through 30 April 1978. (Project 4415-A2 - Extension No. 1)

\$32,300.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Protein Structure - Functions, Pheromones in Lower Plants, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 4721-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$30,962.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nonparametric Partially Sequential Procedures, Department of Statistics, 1 June 1977 through 31 May 1978. (Project 4439-A2 - Extension No. 1)

\$27,166.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station. (Project 4347-A1 - Modification No. 3)

\$25,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Computer Security Study, Department of Computer and Information Science. (Project 4115-A1 - Modification No. P00003)

\$24,000.00 - Department of the Navy, Naval Ocean Systems Center, San Diego, California, Technical and Analytical Study of NOSC Acoustic Scattering Model, Department of Electrical Engineering, 2 May 1977 through 1 May 1978. (Project 4720-A1 - New)

\$23,600.00 - National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures, Department of Mathematics, 1 July 1976 through 30 June 1979. (Project 4371-A1 - Letter dated 25 April 1977)

\$22,300.00 - National Science Foundation, Washington, D. C., A New Transfer Theorem and Its Application, Department of Mathematics, 1 July 1977 through 30 June 1979. (Project 4726-A1 - New)

\$20,894.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Color and Ocular Drug Effects, College of Pharmacy, 1 June 1977 through 31 May 1978. (Project 4189-A3 - Extension No. 2)

\$19,400.00 - National Science Foundation, Washington, D. C., Fundamental Concepts of Radiation, Radioactivity and Radiation Protection, Department of Nuclear Engineering, 15 April 1977 through 31 August 1979. (Project 4711-A1 - New)

\$17,800.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4734-A1 - New)

\$17,700.00 - National Science Foundation, Washington, D. C., Symmetries of Finite Dimensional Normed Spaces, Department of Mathematics, 15 June 1977 through 30 June 1978. (Project 4733-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$16,791.00 - National Endowment for the Humanities, Washington, D. C., Survey of Research Tool Needs in German Language and Literature, Department of German, 1 March 1977 through 31 December 1977. (Project 4686-A1 - New)

\$15,000.00 - Department of the Navy, Naval Weapons Center, China Lake, California, Comparison of Simplified Ship-Sea Model Signatures with Encounter Simulation Laboratory Measurements, ElectroScience Laboratory, Department of Electrical Engineering, 19 May 1976 through 19 August 1977. (Project 4428-A1 - Modification No. P00002)

\$14,742.00 - Department of the Army, Army Aeromedical Research Laboratory, Fort Rucker, Alabama, Evaluation of Visual Performance Through Oxygen Mask, College of Optometry, 2 May 1977 through 1 May 1978. (Project 4729-A1 - New)

\$12,625.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, *In Vitro* Study of the Nature of Interaction Between Chemical and Viral Carcinogens, Department of Veterinary Pathobiology, 20 February 1974 through 19 June 1977. (Project 3885-A1 - Modification No. 7)

\$9,253.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Blacks in American Police Forces: A Historical and Comparative Study, Department of History, 18 May 1977 through 17 May 1978. (Project 4736-A1 - New)

\$8,026.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Utility of Peripheral Vision to Motor Vehicle Drivers, Department of Industrial and Systems Engineering, 23 June 1975 through 31 July 1977. (Project 4224-A1 - Modification No. 4)

\$7,900.00 - National Science Foundation, Washington, D. C., Stochastic Processes (Theory and Application), Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4731-A1 - New)

\$7,300.00 - National Science Foundation, Washington, D. C., Asymptotic Martin-gales, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4732-A1 - New)

\$5,000.00 - National Science Foundation, Washington, D. C., Determination of Revised MK Spectral Types for Stars of Types S and SC, Department of Astronomy, 1 July 1977 through 30 June 1978. (Project 4723-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$5,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation, and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering. (Project 3641-A1 - Modification AFOSR 73-2511E)

\$4,900.00 - National Science Foundation, Washington, D. C., Orderamarts on Banach Lattices, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 4730-A1 - New)

\$2,500.00 - U. S. Energy Research and Development Administration, Argonne, Illinois, Conference on Transport Effects in Inhomogeneous Media, Department of Physics, 1 February 1977 through 31 January 1978. (Project 4737-A1 - New)

\$1,700.00 - National Science Foundation, Washington, D. C., Dissertation Research in Systematic Biology, Department of Botany, 1 May 1977 through 31 December 1977. (Project 4725-A1 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,173,586.00**

State of Ohio Research Contracts/Grants

\$8,761.00 - Ohio Department of Health, Division of Chronic Diseases, Columbus, Ohio, Language Retraining for Aphasic Individuals, Department of Communication, 1 April 1977 through 30 September 1977. (Project 4728-A1 - New)

\$5,943.00 - The Ohio Program in the Humanities, Columbus, Ohio, Our Lives, Ourselves: Black Women in Double Jeopardy, Department of Black Studies, 20 April 1977 through 31 July 1977. (Project 4724-A1 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$14,704.00**

**Industrial, Private, and Other Non-Federal
Research Contracts/Grants**

\$14,500.00 - American Otological Society, San Diego, California, Cytochemistry and Mineralization of Otosclerotic Stapes, Department of Otolaryngology, 1 July 1977 through 30 June 1978. (Project 2789-G - Extension No. 7)

\$13,450.00 - Mansfield Board of Education, Mansfield, Ohio, Educational Facility Study for Mansfield City Schools, Academic Faculty of Educational Administration, 1 May 1977 through 31 July 1977. (Project 4727-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

**Industrial, Private, and Other Non-Federal
Research Contracts/Grants (contd)**

\$13,176.00 - Muscular Dystrophy Association, Inc., New York, New York, Energetics of Muscular Dystrophic Chickens, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 4450-A2 - Extension No. 1)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 3911-A1 - Check dated 2 May 1977)

\$3,595.00 - Schering Corporation, Kenilworth, New Jersey, A Study of the Use of Soft Lenses as a Bandage, Department of Veterinary Clinical Sciences, 1 May 1977 through 30 April 1978. (Project 4623-A1 - New)

\$3,500.00 - McDonnell-Douglas Corporation, St. Louis, Missouri, Supply Phototransparencies for MDAC-EAST to Fabricate a Resonant Metal Radome for the C-140 (Lockheed Jetstar) Aircraft, ElectroScience Laboratory, Department of Electrical Engineering, 10 February 1977 through 31 May 1977. (Project 4666-A1 - New)

\$500.00 - New Mexico State University, Las Cruces, New Mexico, Background RCS of Target Support for RATSCAT Ground Place Range, Department of Electrical Engineering, Indefinite duration beginning 30 March 1977. (Project 4698-A1 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$53,721.00
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ENGINEERING EXPERIMENT STATION

Industrial and Other Research Contracts

\$18,332.00 - Electric Power Institute, Palo Alto, California, Fuel Utilization in Residential Heating, Department of Mechanical Engineering, January 1, 1977 through June 30, 1977. (EES 460, Extension No. 4)

\$8,000.00 - Northern Telecom Canada, Limited, Montreal, Quebec, Modeling Communication Cable Flammability Tests, Department of Chemical Engineering, May 1, 1977 through December 31, 1977. (EES 556)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS	\$26,332.00
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July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$48,440.95 from Estate of Dorothy M. Bennett, Lima, Ohio, for an endowed research fund for medical research.

\$32,982.78 from Estate of Paul M. Swingle, Coral Gables, Florida, as an unrestricted gift to the University.

\$30,000.00 from The Bremer Foundation, Youngstown, Ohio, for the College of Medicine.

\$18,147.91 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$12,000.00 from The City Loan & Savings Company, Lima, Ohio, for Friends of WOSU.

\$10,000.00 from Elano Corporation (given in the name of Ervin Nutter), Xenia, Ohio, for the Ohio Research Development Center.

\$9,350.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in medicine.

\$7,500.00 from Peat, Marwick, Mitchell & Co., New York, New York, for a new project to support auditing research for the Academic Faculty of Accounting.

\$6,469.50 from University Obstetricians & Gynecologists (given in the names of Dr. John G. Boutselis, Dr. Donald Bryan, Dr. Garth F. Essig, Dr. Moon H. Kim, Dr. Sergio Perticucci, Dr. Nicholas J. Teteris, Dr. Roberto Villalon, Dr. J. Hutchison Williams, and Dr. Frederick P. Zuspan), Columbus, Ohio, for the EPR-OBS Fund.

\$6,000.00 from Roy Brenholts Fund of The Columbus Foundation, Columbus, Ohio, for arthritis research.

\$5,341.13 from The Grand Chapter of Ohio, Order of the Eastern Star, Danville, Ohio, for Dr. Minton's cancer research fund.

\$5,000.00 from Arthur R. Cline, Toledo, Ohio, for the College of Law.

\$5,000.00 from M. A. Young Foundation (given in the name of Maurice A. Young), Youngstown, Ohio, for the College of Medicine Progress Fund.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Establishment of Named Funds

Grace Ewing Bernatz Research Fund

The Grace Ewing Bernatz Research Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a bequest to The Ohio State University Development Fund from Grace E. Bernatz, Bachelor of Science in Home Economics, 1926, late of Pompano Beach, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used and expended for cancer research for so long as the Dean of the College of Medicine shall deem, in his sole discretion, that such expenditure is advisable. In the event such expenditure shall ever be deemed no longer advisable, then said income shall be used in such other medical research as the Dean of the College of Medicine shall select; but, in no event, shall any part of the principal be expended for any purpose.

McGregor Fund Undergraduate Business and Accounting Scholarship

The McGregor Fund Undergraduate Business and Accounting Scholarship was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the McGregor Fund, Detroit, Michigan.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide four undergraduate performance-based scholarships--one each to Accounting, Marketing, Finance and Management Sciences--as recommended by the director of the undergraduate program and separate faculty chairmen and selected by the College Scholastic Committee. Students can be juniors or seniors whose combined leadership and scholarship merit special recognition. The residue of the annual endowment earnings is to be used at the discretion of the Dean of the College of Administrative Science to promote strong and continuing positive relations between the undergraduate students and faculty and the business community.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarship education in the College of Administrative Science.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Establishment of Named Funds (contd)

The Wayne E. Brown Scholarship

The Wayne E. Brown Scholarship was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Mr. and Mrs. Stephen Kellough in memory of her father, Wayne E. Brown, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to qualified students selected by the College Scholarship Committee on the recommendation of the director of the undergraduate program in business administration or the marketing faculty to be awarded as follows:

During the first year of income, one junior will be selected for two years of assistance equal to one-half the earnings of the endowment for each of the two years. From the second year forward, one additional junior will be selected each year for scholarship assistance during each of the junior and senior years equal to the remaining one-half of the earned income in order that there would be two student recipients (one junior and one senior) of the proceeds each year after the first year. Full-time students entering the junior year with a declared major in marketing will be eligible for nomination. Selectees will be restricted to those with substantial scholastic records with the need levels compatible with the award from among those nominated or applying for competition in the judgment of the Scholarship Committee. The excess of earnings over awards the first year will be used to provide appropriate memorial certificates or plaques to all awardees as determined appropriate by the Dean of the College.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarship education in the College of Administrative Science.

The Richard H. Kellogg Honors Scholarship Fund

The Richard H. Kellogg Honors Scholarship Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the Central Ohio Breeders Association in honor of Richard H. Kellogg, B.S.Agr. '37, Columbus, Ohio. This honor is being bestowed on the occasion of Mr. Kellogg's retirement.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Establishment of Named Funds (contd)

The Richard H. Kellogg Honors Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for majors in the Departments of Animal Science and Dairy Science to provide one or more honors undergraduate scholarships. The selection of the recipient(s) is to be made by the Dean of the College upon the recommendation of the Agricultural Honors Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the study of agricultural education.

The Edistina Hendrix Rutherford Scholarship Fund

The Edistina Hendrix Rutherford Scholarship Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Mr. George W. Hendrix, Bachelor of Science in Business Administration, 1929, of Columbus, Ohio, in honor of his aunt, Edistina Hendrix Rutherford, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

The John Paul Benua Memorial Fund

The John Paul Benua Memorial Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from George P. Benua, Westerville, Ohio, in memory of his brother, John Paul Benua.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The John Paul Benua Memorial Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to one or more students enrolled in the College of Agriculture. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Agriculture. First preference will be given to students having a farm background and who plan to return to farming. To be eligible to receive this award, students must show financial need and have at least a third-year class standing.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the College of Agriculture as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural education.

Mervin G. Smith International Scholarship Fund in Agriculture, Home Economics and Natural Resources

The Mervin G. Smith International Scholarship Fund in Agriculture, Home Economics and Natural Resources was established July 22, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mervin G. Smith of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to principal until the principal reaches \$10,000 at which time the annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students in the College of Agriculture and Home Economics who have demonstrated academic ability and/or need financial assistance. The selection of the recipient is to be made upon the recommendation of the administrative person directly responsible for International Affairs in the College of Agriculture, Home Economics and Natural Resources in cooperation with the Dean of the College of Agriculture and Home Economics. The donor is to be consulted about the selection during his lifetime. The scholarship will be given to students who have a special interest in International Agriculture, Home Economics or Natural Resources and preferably for helping them to study abroad.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Mervin G. Smith International Scholarship Fund in Agriculture, Home Economics and Natural Resources (contd)

At such time as the principal reaches \$150,000 or more all or part of the income will be used to create the Mervin G. Smith International Professorship-Scholarship Fund. The individual selected for the Professorship will be from within one of the disciplines in Agriculture, Home Economics or Natural Resources and will carry on education and research in the international aspects of the discipline. Appointment to the Smith Professorship will be recommended by the Dean or Director responsible for International Agriculture, Home Economics and Natural Resources to the Provost and approved by the Board of Trustees.

Should the need for these scholarships or this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative officials of the University who are then directly responsible for International Agriculture, Home Economics and Natural Resource education and research.

The Alan Clay Bondurant Memorial Fund

The Alan Clay Bondurant Memorial Fund was established July 22, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Byron L. Bondurant, B.S.Agr.E. '49, and Mrs. Bondurant, Dublin, Ohio, in memory of their infant son, Alan Clay Bondurant.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$5,000. At that time, the income is to be used to support scholarships, travel or awards relating to international agricultural engineering. Selection of the recipient(s) along with the approval of the expenditures of this fund is to be made by the chairman of the Department of Agricultural Engineering upon the recommendations of the International Programs Committee and the Honors and Awards Committee of the Department of Agricultural Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural engineering education.

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July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants

\$128,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Evaluation of Executive High School Internship of America, The Center for Vocational Education, May 1, 1977 through September 30, 1978. (Contract No. 400-77-0044)

\$125,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Improving State Vocational Educational Planning, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0056)

\$120,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Experiential Learning: Issues and Guidelines, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0055)

\$89,986.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Increasing Sex Fairness in Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0061)

\$73,619.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., Planning for R & D Dissemination and Feedforward System: Research and Policy Interpretations, The Center for Vocational Education, March 1, 1977 through November 30, 1977. (Contract/Order No. 400-77-0001, Modification No. 2)

\$59,837.00 - Department of Health, Education, and Welfare, Public Health Service, Division of Associated Health Professions, Bethesda, Maryland, Expanding Areas in Health Services Administration - Training Grant, University Hospitals - Hospital and Health Services Administration, July 1, 1977 through June 30, 1978. (Grant No. 5 D04 AH01416-03)

\$35,500.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., A Guidebook for State and Local Planning for Implementation of Vocational Education Programs for the Handicapped, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. 400-77-0060)

\$24,734.00 - Department of Health, Education, and Welfare, Office of Education, Grant & Procurement Management Division, Bureau of Occupational and Adult Education, Washington, D. C., A study to determine anticipated areas of vocational education teacher shortage for fiscal year 1978, The Center for Vocational Education, June 16, 1977 through August 31, 1977. (Contract No. 300770269)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$656,676.00

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants

\$910,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Ohio Traffic Safety Education Center, The Center for Vocational Education, July 1, 1977 through September 30, 1979. (AWP-SEP No. 39-77-004)

\$391,719.13 - State of Ohio, Department of Education, Columbus, Ohio, Special Services in Vocational Education - Agricultural Education, Department of Agricultural Education, July 1, 1977 through June 30, 1978.

\$208,095.41 - State of Ohio, Department of Education, Columbus, Ohio, Special Services in Vocational Agriculture - Research, Department of Agricultural Education, July 1, 1977 through June 30, 1978.

\$206,666.30 - State of Ohio, Department of Education, Columbus, Ohio, Special Services in Vocational Education - Home Economics, School of Home Economics, July 1, 1977 through June 30, 1978.

\$100,400.00 - State of Ohio, Department of Education, Columbus, Ohio, Implementing Performance Based Teacher Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$78,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Business-Industry-Labor Inputs in Vocational Education Personnel Development, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$76,889.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Vocational Planning and Evaluation Capability, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$72,939.00 - State of Ohio, Department of Education, Columbus, Ohio, Improving Governance of State Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$71,700.00 - State of Ohio, Department of Education, Columbus, Ohio, Vocational Education, Personnel Development for Local Administrators, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$71,525.00 - State of Ohio, Department of Education, Columbus, Ohio, National Workshop to Improve Post-Secondary Vocational-Technical Personnel Development, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$70,437.00 - State of Ohio, Department of Education, Columbus, Ohio, Leadership Development for Inner City Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$2,258,370.84**

July 22, 1977 Meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,238,891.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 710551 - Extension No. 3)

\$357,657.00 - Department of Health, Education, and Welfare, Public Health Service, Health Services Administration, Bureau of Community Health Services, Rockville, Maryland, Nutritional Status of Functionally Retarded Children, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 4743-A1 - New)

\$234,100.00 - National Science Foundation, Washington, D. C., Comprehensive Assistance to Undergraduate Science Education Program, Department of Mathematics, 21 June 1977 through 30 June 1980. (Project 4779-A1 - New)

\$220,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiologic Responses of the Cat to Feline Oncornaviruses, Department of Veterinary Pathobiology, 30 June 1975 through 29 June 1978. (Project 784227 - Modification No. 3)

\$188,600.00 - National Science Foundation, Washington, D. C., Socio-Behavioral Responses to Chemical Hazards, Department of Sociology, 1 September 1977 through 31 August 1978. (Project 4766-A1 - New)

\$127,277.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, In Vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens, Department of Veterinary Pathobiology, 20 February 1974 through 19 May 1978. (Project 3885-A1 - Modification No. 8)

\$127,082.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research, College of Biological Sciences, 3 June 1977 through 14 June 1978. (Project 4440-A2 - Amendment No. 2)

\$102,614.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Ohio Quality of Work Project, Academic Faculty of Labor and Human Resources, 1 June 1977 through 31 May 1978. (Project 4363-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$101,711.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 3284-A7 - Extension No. 6)

\$100,000.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Laser Induced Response, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1977 through 30 June 1979. (Project 784786 - New)

\$100,000.00 - Department of the Army, Discrimination Directorate, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Basic Research in 3-Dimensional Imaging for Transient Radar Scattering Signatures, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1977 through 31 December 1978. (Project 4785-A1 - New)

\$100,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering. (Project 4487-A1 - Modification No. 2)

\$97,340.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School, 1 April 1977 through 31 March 1978. (Project 4748-A1 - New)

\$92,063.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Pre-College Social Development Program, Office of Minority Affairs, 1 June 1977 through 31 May 1978. (Project 3979-A4 - Extension No. 3)

\$90,444.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Family Centered Program on Intervention, 1 July 1977 through 30 June 1978. (Project 4762-A1 - New)

\$89,524.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Quantitative Assays of Monocyte-Macrophage Function, Department of Medicine, 16 June 1975 through 15 June 1978. (Project 4213-A1 - Modification No. 2)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$76,506.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Testing of Drug Delivery Systems for Use in the Treatment of Narcotic Addiction, College of Pharmacy, 28 June 1973 through 27 June 1978. (Project 3715-A1 - Modification No. 8)

\$73,407.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Control of Macrophage Function by cAMP/cGMP in Neoplasia, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4474-A2 - Extension No. 1)

\$63,864.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Allied Health Special Improvement Grants - Competency Based Education Project, School of Allied Medical Professions, 1 July 1977 through 30 June 1978. (Project 4755-A1 - New)

\$59,770.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, & Blood Institute, Bethesda, Maryland, Structure and Function of Heart Mitochondria, Department of Surgery, 1 May 1977 through 30 April 1978. (Project 4164-A3 - Extension No. 2)

\$58,980.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Methodologies for Computer Program Testing, Department of Computer and Information Science, 1 July 1977 through 30 June 1978. (Project 784741 - New)

\$57,046.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Specialization in Developmental Disabilities, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 4763-A1 - New)

\$55,664.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immune RNA: Tumor Therapy and Prophylaxis in Mice, Department of Microbiology, 1 June 1977 through 31 May 1978. (Project 4166-A3 - Extension No. 2)

\$54,968.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Cardiovascular, Renal and Respiratory Effects of High Intensity, Intermediate Duration, Low Frequency Vibration, Department of Aeronautical and Astronautical Engineering, 1 July 1977 through 30 September 1978. (Project 784771 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$53,564.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions, 1 July 1977 through 30 June 1978. (Project 4772-A1 - New)

\$53,223.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Inhibition and Isolation of Tumor Transport Systems, Department of Physiological Chemistry, 1 June 1977 through 31 May 1978. (Project 4199-A3, B3, and C3 - Extension No. 2)

\$52,000.00 - National Science Foundation, Washington, D. C., Infrared Spectroscopy for Atmospheric Chemistry, Department of Physics, 1 April 1976 through 31 May 1978. (Project 4412-A1 - Sponsor Letter dated 3 June 1977)

\$51,716.00 - Department of Agriculture, Cooperative State Research Service, Washington, D. C., Isolation and Identification of Plant Derived Substances Affecting the Feeding of Gypsy Moth Larvae, College of Pharmacy, 18 April 1977 through 17 April 1978. (Project 4742-A1 - New)

\$50,600.00 - National Science Foundation, Washington, D. C., Stabilization of an Air Jet by an Applied Electrostatic Field, Department of Mechanical Engineering, 1 June 1977 through 31 May 1979. (Project 4764-A1 - New)

\$50,568.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 2793-H - Extension No. 12)

\$50,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., A Study of Alternative Computer Architectures for System Reliability and Software Simplification, Department of Electrical Engineering, 1 August 1977 through 31 July 1978. (Project 784778 - New)

\$49,700.00 - National Science Foundation, Washington, D. C., Assessment of Biological Risk of Ultrasound, Department of Electrical Engineering, 1 June 1977 through 31 May 1978. (Project 4757-A1 - New)

\$49,700.00 - National Science Foundation, Washington, D. C., Chemical and Structural Relationships Among the Intermediate Boron Hydrides: Applications to Metal Cluster and Mixed Boron Metal Cluster Systems, Department of Chemistry, 1 September 1976 through 31 August 1978. (Project 4509-A1 - Sponsor Letter dated 6 June 1977)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Contracts/Grants (contd)

\$49,044.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Soil-Landform Interactions in Wet Arctic and Alpine Tundras Along a Regional Climatic Gradient, Institute of Polar Studies, Graduate School. (Project 4494-A1 - Letter dated 1 June 1977)

\$48,717.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry, 1 June 1977 through 31 May 1978. (Project 3359-A6 - Extension No. 5)

\$43,511.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on In Vivo Growth of Staphylococci, Department of Medical Microbiology, 1 June 1977 through 31 May 1978. (Project 2330-H - Extension No. 8)

\$42,800.00 - National Science Foundation, Washington, D. C., Geology and Geophysics of the Mesozoic and Cenozoic Basins of the Antarctic Peninsula and Scotia Arc Area, Antarctica, Institute of Polar Studies, Graduate School, 1 June 1977 through 31 May 1978. (Project 4744-A1 - New)

\$42,649.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, & Blood Institute, Bethesda, Maryland, Sound Transmission in Lung, Department of Veterinary Physiology and Pharmacology, 1 August 1977 through 30 June 1978. (Project 4781-A1 - New)

\$41,300.00 - National Science Foundation, Washington, D. C., Transparent Overlays of the Master List on Non-Stellar Objects for the Palomar Sky Survey Photographs, Department of Electrical Engineering, 1 June 1977 through 31 May 1978. (Project 4746-A1 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Surface Effects in Yttrium Iron Garnet Single Crystal Films, Department of Physics, 1 July 1976 through 30 June 1978. (Project 4433-A1 - Letter dated 14 June 1977)

\$35,803.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4760-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,449.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung & Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology, 1 June 1977 through 31 May 1978. (Project 4403-A2 - Extension No. 1)

\$34,097.00 - Department of Agriculture, Agricultural Research Service, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology, 16 June 1977 through 30 June 1978. (Project 4758-A1 - New)

\$31,711.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung & Blood Institute, Bethesda, Maryland, Department of Medicine, 1 June 1977 through 31 May 1978. (Project 4782-A1 - New)

\$30,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Information Processing for Target Detection and Classification, ElectroScience Laboratory, Department of Electrical Engineering. (Project 3815-A1 - Modification No. AFOSR-74-2611D)

\$26,928.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Research Study on the Efficacy of Enzyme-Free Antigens in Anti-Caries Vaccines, College of Dentistry, 1 June 1975 through 30 September 1977. (Project 4171-A1 - Modification No. 6)

\$26,247.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanism of Carcinogen-Cocarcinogen Interaction, Department of Radiology, 1 June 1977 through 31 May 1978. (Project 4198-A3 - Extension No. 2)

\$25,332.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program - Dental, College of Dentistry, 1 July 1977 through 30 June 1978. (Project 4770-A1 - New)

\$24,294.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Amphetamine: Effects on Muscle Contraction and Endurance, College of Pharmacy, 1 June 1977 through 31 May 1978. (Project 4488-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$22,690.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung & Blood Institute, Bethesda, Maryland, FT-Infrared Spectroscopy of Heart Muscle Energetics, Department of Physiological Chemistry, 1 June 1977 through 31 May 1978. (Project 4200-A3 - Extension No. 2)

\$20,000.00 - Department of the Army, Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodial and Babesial Antigens, Department of Microbiology, 1 December 1971 through 31 December 1977. (Project 3365-A1 - Amendment P-710)

\$18,950.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Analysis of Teaching Skills, Department of Medicine, 25 June 1975 through 31 March 1978. (Project 4249-A1 - Modification No. 2)

\$17,108.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biochemical Aspects of Host-Parasite Relationships, Department of Zoology, 1 June 1977 through 31 May 1978. (Project 4215-A3 - Extension No. 2)

\$16,000.00 - National Endowment for the Humanities, Washington, D. C., Modern Jewish History and Culture: A Summer Teacher Training Institute, Department of History, 1 April 1977 through 31 December 1977. (Project 4402-A2 - New)

\$14,992.00 - National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, Study of GEOS-C Altimeter Data in Order to Improve Existing Gravity Models, Department of Geodetic Science, 15 April 1974 through 31 October 1977. (Project 3904-A1 - Modification No. S08)

\$13,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, The Effect of Service-Induced Surface Roughness on Turbine Blade Boundary Layers, Department of Mechanical Engineering, 16 June 1975 through 15 September 1978. (Project 4174-A1 - Modification No. P00004)

\$9,989.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Measurement of Resistive Torques in Major Human Joints, Department of Engineering Mechanics, 1 April 1976 through 30 September 1977. (Project 4394-A1 - Modification No. P00003)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS(contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,000.00 - National Science Foundation, Washington, D. C., Problems on Graph Connectivity and Traversability, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710547 - New)

\$7,710.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprophylaxis and Immunotherapy of Lung Cancer, Department of Microbiology, 1 May 1976 through 31 March 1978. (Project 3945-A3 - Supplement No. 1)

\$7,375.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," "Formal Advertising," and "Multi-Year Procurement," Division of Continuing Education, Office of Educational Services. (Project 4378-A1 - Modification No. P00006)

\$6,687.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues, Department of Biochemistry, 1 June 1976 through 31 March 1978. (Project 1571-L - Supplement No. 1)

\$6,572.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, An Evaluation of Drug Formulations in Large Hospitals, College of Pharmacy, 1 February 1976 through 30 September 1977. (Project 4356-A1 - Supplement No. 1)

\$6,500.00 - National Science Foundation, Washington, D. C., Phonology-Free Syntax, Department of Linguistics, 1 June 1977 through 30 May 1978. (Project 4761-A1 - New)

\$6,279.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Resource Utilization for Urban Police Patrol, Academic Faculty of Management Science, 27 May 1977 through 26 May 1978. (Project 4780-A1 - New)

\$4,997.00 - Environmental Protection Agency, Cincinnati, Ohio, Design Criteria for Landfill Gas Migration Control Systems, Department of Civil Engineering, 1 June 1976 through 31 May 1978. (Project 4424-A1 - Amendment No. 2)

\$4,400.00 - National Science Foundation, Washington, D. C., Third International Ordovician System Symposium, Department of Geology and Mineralogy, 15 May 1977 through 31 October 1977. (Project 4745-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,908.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 4508-A1 - Modification No. P00004)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$5,100,618.00**

State of Ohio Research Contracts/Grants

\$12,000.00 - Ohio Environmental Protection Agency, Columbus, Ohio, Data Assessment for Lower Cuyahoga River Water Quality Simulations, Department of Civil Engineering, 1 May 1977 through 31 October 1977. (Project 4749-A1 - New)

\$6,800.00 - Ohio Department of Transportation, Real Estate Administration, Columbus, Ohio, Comprehensive Educational Facility Study of the North Olmstead School District, Academic Faculty of Educational Administration, 2 June 1977 through 1 September 1977. (Project 4740-A1 - New)

\$2,982.00 - State of Ohio, Adjutant General's Department, Worthington, Ohio, A Survey-Based Exploration of the Action Implications of Motives and Beliefs of a Volunteer Military Force, Department of Psychology, 15 June 1977 through 1 December 1978. (Project 784784 - New)

\$400.00 - Ohio High School Athletic Association, The Effects of Weight Loss on Body Composition and Strength in High School Wrestlers in the Five Lightest Weight Classes, School of Health, Physical Education and Recreation, 1 June 1977 through 30 June 1978. (Project 4349-A2 - Extension No. 1)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$22,182.00**

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$43,670.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics, 1 June 1976 through 31 May 1978. (Project 4446-A1 - Amendment No. 4)

\$27,800.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4338-A2 - Extension No. 1)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$26,000.00 - City of Columbus, Department of Finance, Columbus, Ohio, Develop and Conduct a Management Development Program to Deal with Municipal Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science, 3 June 1977 through 31 December 1977. (Project 4739-A1 - New)

\$25,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 4472-A2 - Extension No. 1)

\$23,933.00 - Charles F. Kettering Foundation, Dayton, Ohio, To Plan YMCA/Mershon Collaboration, Mershon Center, Graduate School, 15 April 1977 through 31 December 1977. (Project 4759-A1 - New)

\$21,515.00 - Charles F. Kettering Foundation, Dayton, Ohio, To Plan Research on Structures for Citizen-Government Interaction, Mershon Center, Graduate School, 1 May 1977 through 31 December 1977. (Project 4747-A1 - New)

\$20,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination: The Effect of Age, Institute for Research in Vision, College of Biological Sciences, 1 July 1977 through 30 June 1978. (Project 4768-A1 - New)

\$15,000.00 - Paralyzed Veterans of America, Washington, D. C., Spinal Cord Injury State After Trauma, Department of Surgery, 1 July 1977 through 30 June 1978. (Project 710546 - New)

\$15,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Department of Biophysics, 1 July 1977 through 30 June 1978. (Project 4769-A1 - New)

\$12,000.00 - Philip Morris Research Center, Richmond, Virginia, Effect of Nicotine on Rage Behavior in the Cat, Department of Psychology, 1 July 1977 through 30 June 1978. (Project 4767-A1 - New)

\$10,971.00 - The Standard Oil Company, Cleveland, Ohio, Sohio Retail Outlet Managers Selection Project, Department of Psychology, 1 June 1977 through 31 August 1977. (Project 710539 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Sympathetic Deafferentation and Aortic Function in Dogs, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 4774-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Factors Determining the Efficacy of Propranolol in the Treatment of Angina Pectoris, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4775-A1 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Effect of Atrial Pacing and Cardiac Drugs on Atrial Conduction in Man, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4776-A1 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Catechol Levels of the Failing Myocardium before and after Dobutamine Infusion, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 4777-A1 - New)

\$10,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Cardiotoxic Mechanism(s) of Freon Propellants, Department of Veterinary Physiology and Pharmacology, 1 July 1977 through 30 June 1978. (Project 4783-A1 - New)

\$9,400.00 - Southeastern Center for Electrical Engineering Education, Inc., Bridgeport, New York, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics, 1 June 1977 through 31 December 1977. (Project 4787-A1 - New)

\$8,898.39 - New Mexico State University, Las Cruces, New Mexico, Background RCS of Target Support for RATSCAT Ground Plane Range, Department of Electrical Engineering, 30 March 1977 through 15 December 1977. (Project 4698-A1 - Sponsor number not assigned)

\$8,716.00 - Muscular Dystrophy Association, Inc., New York, New York, Neurophysiological Studies of Dystrophic and Normal Chick Embryo Spinal Cords, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 4190-A3 - Letter dated 27 April 1977)

\$8,117.00 - Steel Founders' Society of America, Rocky River, Ohio, Evaluation of CA-6NM Relative to CA-15 and Other Materials with Known Performance in Chloride-Bearing Environments, Department of Metallurgical Engineering, 1 June 1977 through 31 May 1978. (Project 350-H - New)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Studies on the Differential Cytotoxicity of Methotrexate on Resting, Growing and Transformed Fibroblasts, Department of Biochemistry, 1 July 1977 through 30 June 1978. (Project 4773-A1 - New)

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Tumors of the Human Nervous System in Tissue Culture, Department of Pathology, 1 July 1977 through 30 June 1978. (Project 710542 - New)

\$5,000.00 - The American University in Cairo, Egypt, New York, New York, Collaborative Research with The American University Social Science Research Center in Cairo, Egypt, Merhson Center, Graduate School, 1 June 1976 through 31 May 1978. (Project 4477-A1 - Supplement No. 1)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 3911-A1 - check dated 2 June 1977)

\$3,135.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics. (Project 4446-A1 - Amendment No. 3)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$351,155.39
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ENGINEERING EXPERIMENT STATION

State Research Contracts

\$148,733.00 - Ohio Energy and Resource Development Agency, Columbus, Ohio, Development of an Energy Allocation Model to Minimize Adverse Socio-Economic Impact During Periods of Severe Energy Shortage, Department of City and Regional Planning, June 1, 1977 through July 31, 1978. (EES 568)

\$64,350.00 - Ohio Department of Transportation, Columbus, Ohio, A Statewide Study of Subgrade Soil Support Conditions, Department of Civil Engineering, June 13, 1977 through June 12, 1978. (EES 518 - Extension No. 2)

\$52,188.00 - Ohio Department of Transportation, Columbus, Ohio, Use of Delineation Systems to Modify Driver Performance of Rural Curves, Department of Industrial and Systems Engineering, June 1, 1977 through May 31, 1979. (EES 567)

TOTAL - STATE RESEARCH CONTRACTS	\$265,271.00
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July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$656,000.00 - Battelle Memorial Institute Foundation, Columbus, Ohio, for the establishment of the Battelle Scholars Program.

\$120,000.00 - Claude Worthington Benedum Foundation, Pittsburgh, Pennsylvania, for the University Activities Center Fund.

\$50,000.00 - McGregor Fund, Detroit, Michigan, for the establishment of the McGregor Fund Undergraduate Business and Accounting Scholarship.

\$32,200.31 - Systems Associates, Columbus, Ohio, for the Cardiology Support Fund.

\$23,217.36 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$21,000.00 - Wolfe Associates, Inc., Columbus, Ohio--\$15,000.00 for The Judson D. Wilson Professorship in Orthopedic Surgery and \$6,000.00 for the University Activities Center.

\$17,221.18 - American Medical Association, Chicago, Illinois, for the College of Medicine Progress Fund.

\$14,962.00 - Dr. Sidney L. Pressey, Columbus, Ohio, for the University Honors Fund.

\$13,634.80 - Delbay Pharmaceuticals, Inc., Bloomfield, New Jersey, for the Clinical Pharmacology Fund.

\$8,950.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in Medicine.

\$8,274.87 - Richard H. Keates, M.D., Inc., Columbus, Ohio, for the Eye Bank Fund.

\$8,216.59 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio--\$4,123.49 for the Ophthalmology Photography Fund, \$2,000.00 for the Ophthalmology Art Work Rotary Fund, \$1,300.72 for the Retina Research Fund and \$792.38 for the Operation Eye Research Fund.

\$7,500.00 - Ciba-Geigy Corporation, Summit, New Jersey, for the Gastroenterology Research Fund in the College of Medicine.

\$7,260.00 - The Procter & Gamble Co., Cincinnati, Ohio, for the Procter & Gamble Company Fellowship in Chemistry.

July 22, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - Alcoa Foundation, New Kensington, Pennsylvania, for the Alcoa Foundation-Bletzacker Fund in the College of Engineering.

\$5,000.00 - Michael's Finer Meats, Columbus, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$5,000.00 - Owens-Corning Fiberglas Corp., Toledo, Ohio, for the Student Athlete Grant-In-Aid Fund.

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PLANS AND SPECIFICATIONS

Resolution No. 78-8

Synopsis: Plans and specifications have been completed for the following two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following projects are presented for approval.

**MERSHON AUDITORIUM, STARLING-LOVING HALL AND RESEARCH CENTER
FIRE ALARM SYSTEM IMPROVEMENTS**

Project: Installation of fire alarm systems in Mershon Auditorium, Starling-Loving Hall and the Research Center, which will expedite notification to fire departments and provide improved safety for occupants.

Funding: Budget Account 883009-000 (OSHA Improvements)

Estimated Project Cost: \$65,000.00

WENDELL D. POSTLE HALL, VENTILATION IMPROVEMENTS

Project: Conversion of ventilation system to reduce operational costs and improve environmental conditions for occupants.

Funding: Budget Account 210134-000, Contract Repair (1977-78)

Estimated Project Cost: \$50,000.00

July 22, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 78-9

Synopsis: Contracts have been awarded for four projects to the lowest and best bidder in accordance with University procedure.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are being reported as follows for each project.

MUSIC ADDITION

Description: Addition to the west side of the existing Mershon Auditorium which will house the Performance Division of the School of Music.

July 22, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MUSIC ADDITION (contd)

General Contract

Date Received:	May 19, 1977
No. of Bids:	4
Low Bid:	\$2,224,808* **
High Bid:	\$2,586,600
Estimate of Cost:	\$1,893,266
Awarded to:	Sherman Smoot (Columbus, Ohio)

Plumbing Contract

Date Received:	May 19, 1977
No. of Bids:	7
Low Bid:	\$ 67,877
High Bid:	\$ 99,403
Estimate of Cost:	\$ 79,200
Awarded to:	R. H. Reeb Plumbing and Piping Co. (Columbus, Ohio)

*General Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within ten percent of the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

** Less negotiated deducted items from original bid of \$63,942.

July 22, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MUSIC ADDITION (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received:	May 19, 1977
No. of Bids:	8
Low Bid:	\$ 451,466*
High Bid:	\$ 612,400
Estimate of Cost:	\$ 583,000
Awarded to:	Montoney's Heating and Piping (Columbus, Ohio)

Electrical Contract

Date Received:	May 19, 1977
No. of Bids:	8
Low Bid:	\$ 237,469**
High Bid:	\$ 345,700
Estimate of Cost:	\$ 294,534
Awarded to:	Royal Electric (Columbus, Ohio)

Total All Contracts: \$2,981,620

Total Contingency Allowance: \$ 21,173.92 which is 0.7 percent of the construction contracts

Total Project Cost: \$3,500,000.00

Funding: H.B. 687, Item 315-095 (Music Addition 75-77 Biennium)

* Less negotiated deducted items from original bids of \$5,134.

** Less negotiated deducted items from original bids of \$6,665.

July 22, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

ADMINISTRATION BUILDING - DERBY HALL REMODELING

Description: Administration Building--Renovate space in the basement and on the first and third floors for the Departments of Geography and Sociology to provide teaching and research laboratories with support spaces and offices.

Derby Hall--Renovate space in the basement and on the first, second and third floors to improve instructional spaces and provide offices and support spaces for the Departments of Political Science and Communication and the Disaster Research Center.

General Contract

Date Received:	May 26, 1977
No. of Bids:	7
Low Bid:	\$180,125*
High Bid:	\$227,098*
Estimate of Cost:	\$232,988*
Awarded to:	Jerry L. Mason, Inc. (Columbus, Ohio)

Plumbing Contract

Date Received:	May 26, 1977
No. of Bids:	3
Low Bid:	\$ 13,600**
High Bid:	\$ 32,675
Estimate of Cost:	\$ 11,764
Awarded to:	Montoney Heating and Piping Company (Grove City, Ohio)

* Recommended Alternates reflected in these figures.

**The Plumbing Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within ten percent of the total estimate of cost for the project and the contracts are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

July 22, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

ADMINISTRATION BUILDING - DERBY HALL REMODELING (contd)

Heating Contract

Date Received:	May 26, 1977
No. of Bids:	4
Low Bid:	\$ 69,200.00
High Bid:	\$109,650.00
Estimate of Cost:	\$109,254.00
Awarded to:	Montoney Heating and Piping Company (Grove City, Ohio)

Electrical Contract

Date Received:	May 26, 1977
No. of Bids:	2
Low Bid:	\$131,442.00*
High Bid:	\$137,004.00*
Estimate of Cost:	\$170,436.00*
Awarded to:	X-F Electrical Contractors, Inc. (Columbus, Ohio)

Total All Contracts: \$394,367.00

Total Contingency Allowance: \$ 17,888.55 which is 4½ percent of construction contracts

Total Project Cost: \$456,500.00

Funding: H.B. 687, Utilities and Renovation 75-77 Biennium -
\$375,000.00 and Budget Account 801344 - \$81,500.00

*Recommended Alternates reflected in these figures.

July 22, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

HAMILTON HALL REMODELING - PHASE III

Description: Alterations to improve accommodations for the educational functions of the College of Medicine. Safety improvements to three stairwells will also be included in the scope of this project work.

General Contract

Date Received:	May 17, 1977
No. of Bids:	4
Low Bid:	\$ 86,900*
High Bid:	\$102,440*
Estimate of Cost:	\$135,000*
Awarded to:	Ed Ross Construction Company (Westerville, Ohio)

Plumbing Contract

Date Received:	June 2, 1977 - Letterhead bids**
No. of Bids:	5
Low Bid:	\$ 23,610*
High Bid:	\$ 74,200*
Estimate of Cost:	\$ 23,800*
Awarded to:	Wuellner and Theado, Inc. (Columbus, Ohio)

* Recommended Alternates reflected in these figures.

** Letterhead rebids were received by the Department of Administrative Services, Division of Public Works for the Plumbing Contract since at the original bidding only one bid was received on this contract and it was over the estimate of cost.

July 22, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

HAMILTON HALL REMODELING - PHASE III (contd)

Heating Contract

Date Received:	June 3, 1977 - Letterhead bids*
No. of Bids:	3
Low Bid:	\$ 53,000.00** ***
High Bid:	\$ 85,553.00**
Estimate of Cost:	\$ 47,850.00**
Awarded to:	Limbach Company (Columbus, Ohio)

Electrical Contract

Date Received:	May 17, 1977
No. of Bids:	5
Low Bid:	\$ 31,913.00**
High Bid:	\$ 40,880.00**
Estimate of Cost:	\$ 24,650.00** ***
Awarded to:	Electric Power Equipment Co. (Columbus, Ohio)

Total All Contracts: \$195,423.00

Total Contingency Allowance: \$ 16,624.08 which is 8½ percent of the construction contracts

Total Project Cost: \$239,500.00

Funding: H.B. 687, Utilities and Renovation 75-77 Biennium and Budget Account 801235, Safety Improvements

*Letterhead rebids were received by the Department of Administrative Services, Division of Public Works, for the Heating Contract, since at the original bidding only one bid was received on this contract and it was over the estimate of cost.

**Recommended Alternates reflected in these figures.

***Heating Contract and Electrical Contract are in excess of the filed estimate of cost; however, the total price of all contracts is within ten percent of the total estimate of cost for the project and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

July 22, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

PARKING LOT REPAIRS, WEST STADIUM

Description: Restoration of deteriorated pavement.

General Contract

Date Received:	July 5, 1977
No. of Bids:	10
Low Bid:	\$ 73,970.00
High Bid:	\$121,931.00
Estimate of Cost:	\$ 75,500.00
Awarded to:	Baker Construction Company
Total All Contracts:	\$ 73,970.00
Total Contingency Allowance:	\$ 6,500.00 which is 9 percent of construction contracts
Total Project Cost:	\$ 80,470.00
Funding:	Parking Income, Budget Account 125092

Upon motion of Dr. Sirak, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS**

Resolution No. 78-10

Synopsis: Report of Transfer of Earned Indirect Costs and Transfers to Plant Funds for 1976-1977 fiscal year in accordance with the accounting procedure of the Auditor of State.

WHEREAS earned indirect costs were transferred to Account 149999, the University Treasurer General Fund in accordance with a policy previously adopted by the Board; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year 1976-1977 are hereby reported, including administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts with National Science Foundation; U. S. Department of Health, Education and Welfare; other Federal Agencies; State of Ohio; and other organizations:

July 22, 1977 meeting, Board of Trustees

**REPORT - TRANSFER OF EARNED INDIRECT COSTS
AND TRANSFERS TO PLANT FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That this report be accepted and included in the minutes of this meeting.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ACQUISITION OF BUILDING AND PROPERTY -
SOUTH CAMPUS - 185 WEST ELEVENTH AVENUE**

Resolution No. 78-11

Synopsis: Acquisition of building and property at 185 West Eleventh Avenue is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: A portion of Reserve "A" of Theodore Rhodes University Heights Addition, Parcel No. 29870, more commonly known as 185 West Eleventh Avenue, Columbus, Franklin County, Ohio; and

WHEREAS the University currently owns all properties adjacent to this parcel; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan, previously approved by the Board of Trustees of The Ohio State University; and

WHEREAS said plans call for acquisition of said property for ultimate utilization as additional parking or for parking related uses:

NOW THEREFORE

BE IT RESOLVED, That said property (including any improvements), which has a market value in excess of its mortgage be accepted as a gift to the University from The 185 West Eleventh Avenue Co., an Ohio General Partnership, by their conveyance by general Warranty Deed to the Board of Trustees of The Ohio State University, subject to a certain mortgage, then outstanding; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to said property in the name of the Board of Trustees of The Ohio State University, and to pay off said mortgage in the approximate amount of Forty Eight Thousand Dollars (\$48,000.00), utilizing General University Funds.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS

National Science Foundation

310171	International Studies - Cameron	\$ 989.53
310179	Education - Languis	2,416.00
310180	Education - Mayer	2,836.00
310181	Education - Higgins	3,534.81
310182	Chemistry - Secrist	835.00

Total National Science Foundation	\$ 10,611.34
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U. S. Department of Health, Education and Welfare

320438	NIH	Medicine - Cerilli	\$ 4,861.55
320479	NIH	Pharmacy - LaPidus	8,885.50
320521	NIH	Medicine - Bianchine	4,626.05
320525	NIH	Psychology - Wickens	2,625.70
320537	NIH	Medicine - Balcerzak	4,901.10
320550	NIH	Entomology - Wharton	6,318.20
320551	NIH	Veterinary Medicine - Cole	5,641.61
320552	NIH	Medicine - Gruemer	2,372.90
320553	NIH	Pharmacy - Witlak	3,290.98
320554	NIH	Medicine - Ferris	5,569.23
320557	NIH	Medicine - Warren	12,778.02
320560	NIH	Medicine - Altman	5,790.42
320564	NIH	Psychology - Meyer	1,138.92
320565	NIH	Social Work - Medhurst	1,344.88
320566	NIH	Dentistry - Allison	7,102.32
320567	NIH	Medicine - Marks	973.10
320568	NIH	Medicine - Hunt	4,257.93
320569	NIH	Medicine - Mazzaferri	4,726.46
320570	NIH	Medicine - Balcerzak	4,116.44
320571	NIH	Biological Sciences - Byers	3,314.76
320572	NIH	Medicine - Thomas	1,133.12
320573	NIH	Social Work - Medhurst	2,739.23
320574	NIH	Dentistry - Cavalaris	1,725.20
320575	NIH	Medicine - Cerilli	4,184.40
320576	NIH	Psychology - Nolan	5,024.21
320577	NIH	Medicine - Gregory	6,216.00
320578	NIH	School of Nursing - Sills	5,451.90
320579	NIH	Medicine - Balcerzak	2,082.97
320580	NIH	Medicine - Arnold	1,721.14
320582	NIH	Psychology - Wickens	702.00
320585	NIH	Psychology - Meyer	1,993.79
330057	BCHS	Nisonger Center - Gibson	36,981.44
330207	NIE	Center for Vocational Education - Taylor	634.50

July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS (contd)

U. S. Department of Health, Education and Welfare (contd)

330208	NIE	Center for Vocational Education - Taylor	\$ 9,805.23
330209	NIE	Center for Vocational Education - Taylor	18,973.03
330210	NIE	Center for Vocational Education - Taylor	24,143.08
330243	NIE	Center for Vocational Education - Taylor	26,264.58
330244	PHS	Medicine - Trzebiatowski	4,805.56
330253	PHS	Preventive Medicine - Keller	13,228.90
330254	PHS	School of Allied Medical Professions	11,640.00
330255	PHS	Nisonger Center - Chase	12,617.56
330282	RSA	Communications - Irwin	2,392.96
330284	PHS	School of Nursing - Story	4,547.99
330288	PHS	School of Allied Medical Professions	3,985.06
330289	PHS	School of Allied Medical Professions	3,024.87
330291	RSA	Physical Medicine - Johnson	8,127.42
330292	ORS	Nisonger Center - Reynolds	7,903.65
330293	MCT	Nisonger Center - Leland	727.75
330295	PHS	School of Allied Medical Professions - Johnson	1,744.00
330308	RSA	College of Social Work - Medhurst	4,243.66
330309	PHS	School of Allied Medical Professions	4,384.63
330310	RSA	Communications - Irwin	2,379.00
330311	RSA	School of Allied Medical Professions - Grant	780.00
330312	RSA	School of Allied Medical Professions - Pierson	757.80
330347	NIE	Center for Vocational Education - Magisos	7,821.58
340153	OE	Center for Vocational Education - Taylor	1,619.19
340158	OE	Center for Vocational Education - Taylor	162,718.35
340173	OE	Agricultural Education - Warmbrod	35,806.41
340186	OE	Education - Stephens	29,629.63
340188	OE	Center for Vocational Education - Schroeder	316.94
340189	OE	Center for Vocational Education - Black	4,683.94
340190	OE	Center for Vocational Education - Magisos	12,143.95
340194	OE	Education - Ersing	4,745.65
340195	OE	Center for Vocational Education - Magisos	10,897.83
340198	OE	Center for Vocational Education - Reinhart	2,267.52
340199	OE	Center for Vocational Education - Starr	4,074.01
340201	OE	Nisonger Center - Cotter	2,212.14
340202	OE	Center for Vocational Education - Drier	2,579.03
340203	OE	Center for Vocational Education - Norton	3,157.28
340204	OE	Slavic Languages and Literatures - Twarog	7,481.00
340205	OE	Center for Vocational Education - Hull	3,541.68
340206	OE	Center for Vocational Education - Miguel	1,253.49
340210	OE	Mechanical Engineering - Starkey	1,850.99

Total U. S. Department of Health, Education and Welfare	\$630,503.31
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July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS (contd)

U. S. Government - Other

390023	NASA	Preventive Medicine - Ellingson	\$ 22,255.34
390052	AID	Administrative Science	1,491.73
390086	COMMERCE	Center for Vocational Education	10,808.29
390117	DOL	Administrative Science - Slanika	56,398.01
390130	DOJ	Center for Vocational Education	1,423.08
390134	DCPA	Continuing Education - Janz	10,503.00

Total U. S. Government - Other	\$102,879.45
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State of Ohio

410121	Rehabilitation Services Commission - Social Work - Medhurst	\$ 4,276.75
410138	Regents - Administrative Science - Stanley	10,263.88
410155	Health - University Hospitals - Goff	9,840.81
410157	Regents - Administrative Science - Stanley	7,516.95
410160	Economic and Community Development - Administrative Science - Stanley	128.29
410164	Education - Center for Vocational Education	8,609.09
410167	Education - Vocational-Technical Education - Miller	467.85
410168	Education - Vocational-Technical Education - Miller	3,025.53
410169	Education - Vocational-Technical Education - Miller	2,073.08
410170	Education - Vocational-Technical Education - Hindes	2,182.14
410177	Natural Resources - Administrative Science - Stanley	1,426.06
410179	Mental Health - Law	3,938.33
410181	Education - Mershon Center	2,440.16
410183	Education - Special Services - Quaranta	3,568.52
410189	Mental Health - Nisonger Center	3,974.15
410190	Mental Health - Nisonger Center	1,548.23
410206	Education - Vocational-Technical Education - Miller	1,511.05
410207	Education - Vocational-Technical Education - Miller	2,359.61
410208	Education - Vocational-Technical Education - Miller	563.01
410209	Education - Vocational-Technical Education - Miller	734.21
410210	Education - Vocational-Technical Education - Miller	1,003.30
410211	Education - Vocational-Technical Education - Miller	183.34
410212	Education - Vocational-Technical Education - Miller	57.48
410213	Education - Vocational-Technical Education - Miller	1,887.83
410214	Education - Vocational-Technical Education - Miller	586.98
410216	Education - Special Services - Quaranta	640.00
410231	Developmental Disabilities - Nisonger Center	3,000.00
410232	Developmental Disabilities - Law - Kindred	2,248.56

Total State of Ohio	\$ 80,055.19
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July 22, 1977 meeting, Board of Trustees

TRANSFER OF EARNED INDIRECT COSTS (contd)

Miscellaneous

151100	Center for Vocational Education - Operations	\$ 2,169.92
151105	Center for Vocational Education - Educational Materials	619.83
151112	Center for Vocational Education - Management	50,889.94
151125	Center for Vocational Education - Support Services	20,003.43
152400	College of Education - Research and Services	3,701.00
531171	New Careers Program - Social Work	20,949.76
531185	New Careers Program - Administrative Science	2,724.85
531224	New Careers Program - Social Work	2,845.00
531232	CMAAO - Mathematics - Ross	1,522.26
531248	New Careers Program - Administrative Science	6,920.81
531265	Leukemia Society - Medicine - Murphy	2,480.00
531271	Franklin County - Nisonger Center	6,031.00
531272	Franklin County - Nisonger Center	1,211.00
531275	Franklin County - Nisonger Center	987.64
531293	MRC - Nisonger Center	1,922.05
531296	Holland College - Center for Vocational Education	143.52
531304	Temple University - Center for Vocational Education	600.86
531305	Ferris State University - Center for Vocational Education	226.29
531307	Sloan Foundation - Mathematics - Wilson	1,253.50
531310	New Careers Program - Education	2,990.00
531322	State of Wisconsin - Center for Vocational Education	204.07
531324	MUCIA - International Programs in Agriculture	16,615.73
531327	MUCIA - International Programs in Agriculture	222.35
531329	MUCIA - International Programs in Agriculture	1,677.42
531350	MUCIA - International Programs in Agriculture	746.46
531357	MUCIA - International Programs in Agriculture	465.00
531360	Columbus Foundation - Nisonger Center	231.00
531365	MUCIA - International Programs in Agriculture	1,325.54
531378	A. C. E. - Budget and Resources Planning -Baughman	2,065.92
602968	College of Education - Conferences	1,500.00

Total Miscellaneous \$155,246.15

Grand Total \$979,295.44

July 22, 1977 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1976-77

Account Description	B/A	Transferred from B/A	Amount
Lima Parking Improvement	801242	921353	\$ 16,000.00
Telecommunications Equipment	801254	149992	93,007.00
Land Purchases	801262	149997	78,000.00
Printing Facilities Air Conditioning	801264	911683	(8,966.48)
Newark Parking Lot Expansion	801285	921356	24,980.00
Goss Laboratory Cancer Facility	801293	159400	1,000.00
		531041	19,000.00
University Activities Center	801295	999000	733,000.00
Jackson County Area Extension Center	801305	957041	(1,330.15)
Hamilton Hall Electric Service	801314	149999	(985.75)
French Field House Addition	801318	999000	204,700.00
Hospital Modernization	801321	960200	30,000.00
Ohio Union - 4th Floor Air Condition- ing	801324	149999	(3,490.00)
Biggs Athletic Training Facility - Weight Lifting Room	801326	999000	79,000.00
Means Hall Remodeling	801327	960200	95,000.00
Platform Tennis Courts	801329	149997	58,000.00
Biggs Athletic Training Facility - Parking Lot	801330	126070	6,700.00
		921300	11,700.00
		999000	11,700.00
Founders Hall Remodeling	801331	149989	66,825.00
Administration Building Remodeling	Various	149997	180,976.00
Laundry Boiler	801338	149995	60,600.00
Lima Campus Remodeling	801339	149939	10,420.85
Fuel Oil Conversion - Kenny Road	801340	149995	62,706.00
Garage (Old Vet Clinic) Remodeling	801341	149995	97,653.00
Page and Hagerty Hall Remodeling	801343	130700	15,000.00
		131000	11,500.00
		152130	5,000.00
		268458	2,500.00
		601680	40,020.00
Various Parking Lots - Resurfacing	801345	921300	260,100.00
Conversion to Alternate Fuel	801346	149999	306,800.00
University Hospital Capital Reserve	809998	960200	(26,500.00)
Total			\$2,540,615.47

July 22, 1977 meeting, Board of Trustees

**PURCHASE OF BUILDING AND PROPERTY - SOUTH CAMPUS
1615-1617 HUNTER AVENUE**

Resolution No. 78-12

Synopsis: Purchase of Building and Property at 1615-1617 Hunter Avenue is proposed.

WHEREAS the University has been provided an opportunity to purchase the following property: South 47 feet of Lot 1, John A. Evans College View Addition, Parcel Number 22827, more commonly known as 1615-1617 Hunter Avenue, Columbus, Franklin County, Ohio; and

WHEREAS the University currently owns all but one adjacent property to said parcel; and

WHEREAS University properties in this vicinity are currently utilized for recreation areas and as parking facilities; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan previously approved by the Board of Trustees of The Ohio State University; and

WHEREAS said plans call for acquisition of said property for ultimate utilization as additional parking, or for parking related uses:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase said property in the name of the Board of Trustees of The Ohio State University from Carl A. Detamore, owner, for the sum of Nineteen Thousand Dollars (\$19,000.00), to be paid from General University Funds.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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LEASE AGREEMENT

Resolution No. 78-13

Synopsis: Authorization to negotiate lease agreement between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center for an additional 2.44 acres, more or less, located in Wooster Township, Wayne County, Ohio, for operation of the Agricultural Technical Institute.

July 22, 1977 meeting, Board of Trustees

LEASE AGREEMENT (contd)

WHEREAS Section 903.011, Ohio Revised Code, provides that the Board of Trustees of The Ohio State University may enter into a lease with the Board of Control of the Ohio Agricultural Research and Development Center authorizing said Board of Trustees of The Ohio State University the use of lands for the operation of the Agricultural Technical Institute and related facilities; and

WHEREAS the Center has custody and control of certain lands owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and

WHEREAS it is the desire of the parties hereto that the University have the use of these lands for the operation of the Agricultural Technical Institute and related facilities; and

WHEREAS the parties propose utilization of the land in accordance with the provisions of Section 903.011, Ohio Revised Code:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to act on behalf of the University to enter into a lease agreement between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center to provide for the lease of 2.44 acres, more or less, for the operation of the Agricultural Technical Institute and related facilities located in Wooster Township, Wayne County, Ohio.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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LEASE AGREEMENT - 930 KINNEAR ROAD, WARNER CABLE CORPORATION

Resolution No. 78-14

Synopsis: Request for authorization to enter into an agreement for a lease with Warner Cable Corporation at 930 Kinnear Road.

WHEREAS the University has received requests from Warner Cable Corporation, a Delaware Corporation, to lease 31,860 square feet of office and warehouse space located at Building No. 1 and 4,800 square feet of office and storage space located at Building No. 3, 930 Kinnear Road, for original terms of five years with two options to renew for five years each and the right of first refusal to purchase said property; and

WHEREAS it has been recommended by the appropriate University agencies that said property be utilized as requested.

NOW THEREFORE

July 22, 1977 meeting, Board of Trustees

LEASE

This lease, made this day of by and between the Board of Control of the Ohio Agricultural Research and Development Center, as the Grantor (hereinafter referred to as "The Center"), and the Board of Trustees of The Ohio State University, as the Grantee (hereinafter referred to as "The University"), pursuant to the provisions of Section 903.011, Ohio Revised Code.

WITNESSETH:

WHEREAS, the Center has custody and control of certain lands owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and,

WHEREAS, it is the desire of the parties hereto that the University have the use of these lands for the operation of an agricultural technical institute and related facilities; and

WHEREAS, the parties propose utilization of the land in accordance with the provisions of Section 903.011, Ohio Revised Code.

NOW, THEREFORE, in consideration of the benefits to accrue to the University and to the Center, and to the State of Ohio, and pursuant to the authority vested in it pursuant to Section 903.011, Ohio Revised Code, the Center hereby lets, leases, grants and delivers over to the University the use of the land described as follows:

Situated in the Township of Wooster, County of Wayne, State of Ohio, and being known as part of the southeast Quarter of Section 15, T-15, R-13, and more fully described as follows:

Commencing at the stone marking the center of Section 15;
thence south 00°-00' west along the quarter section line 337.23 feet to an iron pin;
thence south 89°-22'-27" east along the grantee's present north line as leased in April 1971 887.81 feet to an iron pin, the PLACE OF BEGINNING of the tract herein described;
thence continuing south 89°-22'-27" east 438.38 feet to an iron pin;
thence north 7°-37'-27" west 135.70 feet to an iron pin;
thence north 42°-34'-27" west 119.45 feet to an iron pin;
thence north 82°-29'-27" west 351.52 feet to an iron pin;
thence south 1°-57'-27" east 263.75 feet to the PLACE OF BEGINNING and containing 2.270 acres, more or less and subject to all legal highways.

(1) It is understood between the parties that such land shall be used in accordance with the provisions of Section 903.011, Ohio Revised Code.

(2) The term of this lease will be perpetual, or until such time as the General Assembly of the State of Ohio shall, by appropriate action, cause the effort undertaken by the University hereunder to be terminated.

July 22, 1977 meeting, Board of Trustees

LEASE (contd)

(3) Upon termination of this lease, the interest herein conveyed shall be disposed of pursuant to law then in effect.

IN WITNESS WHEREOF, the parties have executed this lease agreement on the day and year first above written.

Witnesses:

Board of Control of the Ohio Agricultural Research and Development Center

By

Grantor

Witnesses:

Board of Trustees of The Ohio State University

By

Grantee

STATE OF OHIO)
) ss:
FRANKLIN COUNTY)

BE IT REMEMBERED, that on this day of , before me, the subscriber a Notary Public in and for said County, personally came the above-named Board of Control of the Ohio Agricultural Research and Development Center, by its , the Grantor in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of the said Board, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

STATE OF OHIO)
) ss:
FRANKLIN COUNTY)

BE IT REMEMBERED, that on this day of , before me, the subscriber, a Notary Public in and for said County, personally came the above-named Board of Trustees of The Ohio State University, by its , the Grantee in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of the said Board of Trustees, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

July 22, 1977 meeting, Board of Trustees

LEASE AGREEMENT - 930 KINNEAR ROAD, WARNER CABLE CORPORATION (contd)

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate said transactions and enter into the necessary lease agreements on behalf of the Board of Trustees.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous roll call vote.

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REPORT - TITLE IX

Resolution No. 78-15

President Enarson called on Dr. Armitage to introduce the presentation on Women's Intercollegiate Athletics.

Dr. Armitage in his introductory remarks pointed out that the control of intercollegiate athletics at The Ohio State University is vested in the Athletic Council under the rules of the Big Ten. Under Rule 29.2711 of *Rules of the University Faculty* membership on this body and procedures to be followed are set forth.

Athletic Director Hindman then introduced Phyllis Bailey, Associate Director of Athletics, who has been delegated the responsibility for the women's athletic programs including compliance with all Federal regulations.

Miss Bailey indicated two guiding principles in conducting this program--what was right for The Ohio State University and a comprehensive program with quality and equal opportunity. She reviewed the progress in the development of the women's programs. Presently men's and women's programs are quite comparable, including:

- Same philosophy regarding participation in National or post-season competition.

- Same philosophy regarding promotion and publicity and by the same Department personnel.

- Similar awards program.

- Comparable game uniforms.

- Comparable coaching aids.

- Same philosophy regarding travel and meal allowances.

- Same philosophy regarding availability of academic tutoring.

- Same loan of books program.

- Same employment basis for coaches.

- Comparable locker, practice and competition facilities.

- Same training and medical coverage.

- Same treatment provisions - sports medicine clinic.

- Same program for covering medical expenses of athletic injury.

- Same policy regarding admissions, housing, eligibility, and athletic grants.

- Same governing structure or policy-making body (Athletic Council).

- Similar varsity associations with the same benefits.

- Same philosophy regarding budgeting - based upon reasonableness of needs and schedule of each sport team.

July 22, 1977 meeting, Board of Trustees

REPORT - TITLE IX (contd)

Mr. Charles Batey, Director of Affirmative Action, then spoke. Mr. Batey is responsible for administering the Title IX program at Ohio State. He indicated that Title IX of the Education Amendments of 1972, Higher Education Act, is the first comprehensive Federal legislation prohibiting sex discrimination in the offering of educational programs and activities by recipients of Federal financial assistance. The educational programs and activities are those relative to the admission and treatment of students.

The law states

No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.

Mr. Batey pointed out that there is an OSU Title IX Advisory Coordinating Committee made up of members representing a cross-section of the University community. The Office of Affirmative Action, in response to the rules/regulations of Title IX, did administer a comprehensive University-wide self-study relative to the status of compliance with Title IX. Several program areas were covered: admissions and recruitment, educational programs and activities, assistance for foreign study wards, housing, comparable facilities, access to course offerings, counseling and the use of appraisal and counseling materials, single sex student organizations, financial assistance, employment assistance to students, health and insurance benefits and services, athletics and marital or parental status.

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STATEMENT BY THE CHAIRMAN OF THE FISCAL AFFAIRS COMMITTEE RELATING TO THE UNIVERSITY ENDOWMENT

Resolution No. 78-16

Mr. Devenow read the following statement:

At the May meeting of the Fiscal Affairs Committee, representatives of two student organizations raised questions concerning the practices of some of the corporations in which the University's Endowment Funds were invested. We welcome such questions and the opportunity to meet directly with people who wish to express their views. The issue raised on our investment policies, however, is a very difficult one.

The University's Endowment, it needs to be noted at the outset, is comprised of the gifts and bequests of thousands of alumni and friends who have provided such funds to improve the University and the support of its students. This Fund - which presently is valued at nearly \$60 million - is invested in well over one hundred separate business and governmental entities. This past year these investments yielded an income of \$3,290,400, of which virtually all has been designated by the donors. Nearly fifty per cent went to student aid and the rest in support of endowed chairs, professorships, the Mershon Center, and other programs.

**STATEMENT BY THE CHAIRMAN OF THE FISCAL AFFAIRS COMMITTEE
RELATING TO THE UNIVERSITY ENDOWMENT (contd)**

Mr. Devenow's statement (contd)

Under state law (Ohio Revised Code Section 3345.16) the Trustees of this University are explicitly charged with the responsibility of the management of this Fund. And this is a responsibility which we take very seriously, both as to the donor as well as to the many students and faculty who directly benefit from this Fund. In today's economic climate the fulfillment of this responsibility is a particularly challenging one.

The Board is now being requested to use as a prime investment criterion a corporation's business practice policies, specifically, its international and domestic trade arrangements and fairness of the policies in each foreign nation in which it does business. Questions relating to policies concerning the environment, energy or any number of other current social issues could be raised. After long study and thorough review of this question, we must conclude that the University cannot possibly identify all such factors for each of the companies in which we might invest, nor do we feel qualified to make a moral judgment as to the appropriateness of each such factor. In short, we see no simplified solution to the issue.

Today's major American corporations, with rare exception, maintain multi-national interests. Those that do not have direct foreign interests of necessity deal indirectly with such markets. Thus a comprehensive review of such corporations' policies in many cases will not serve the desired purpose. Further, investments in banks, insurance companies, and other similar organizations, which in turn have positions in a number of other corporations, would also be precluded from our holdings on a similar basis. Even investments in our own Federal Government could be challenged because of its support of nations perceived by some to be corrupt or inhumane. Once having politicized our investments, there would probably be few, if any investments which would pass the test of all interest groups.

While as Trustees we share many of the concerns which the students expressed about the present policies of the South African Government, we believe that the only effective current solution to this problem lies in action by our Federal Government either through the State Department or the U. S. Congress, or both.

We are all dedicated to the concept that the higher educational institutions have a commitment to our society to help solve its vexing problems - of which this is certainly one. Accordingly, we invite the initiatives of the University's faculty and students to develop effective forums in which this issue may be candidly and fully discussed and approaches developed to assist in its resolution. Meanwhile, insuring the continuity of financial resources to the students and faculty of this University from this Fund requires maintaining our current investment policy. To do otherwise would not be keeping faith with the donors or the beneficiaries or the fiduciary responsibilities of the Board of Trustees.

July 22, 1977 meeting, Board of Trustees

**STATEMENT BY THE CHAIRMAN OF THE FISCAL AFFAIRS COMMITTEE
RELATING TO THE UNIVERSITY ENDOWMENT (contd)**

Mr. Devenow's statement (contd)

We do invite continued interest by students and the faculty both as individuals and groups in our investment holdings, and specifically, on various international and social issues which are submitted to us as stockholders for a vote. In this way it may be possible for us to help effect constructive change in various corporate policies on such issues.

Mr. Smith then made the following statement:

Mr. Chairman, I disagree with this statement on several points. I disagree right away in the first paragraph where it says that we welcome such questions. I personally don't welcome such questions. They're uncomfortable questions. I remember, I think it was in 1970, there was a play at this University, *The Night Thoreau Spent in Jail*. They attempted to put it on several times but riots kept interrupting and eventually after three or four attempts, I finally did see the play. I remember one scene in particular. Henry Thoreau had been thrown into jail because we--at the Federal level--had been on one of our excursions into Mexico, grabbing territory. Thoreau had refused to pay his taxes and he was in jail because of it. Walter Emerson came down to the jail and was outside on the street speaking through the window--he said, 'Henry, what are you doing in jail?' Henry's answer was, 'Mr. Emerson, what are you doing out there?' And to me that's one of those questions. It's one I prefer ducking but it was asked, and our answer here, somewhere between pages one and four, is 'No, we as a University really cannot do this.' My answer would be 'Yes, we can.' I think we can make a symbolic gesture that expresses what we feel about the government of South Africa. I think we can make a divesture at a time when the investment decision would be prudent and stay within the rule of law.

Another part of the statement on page four says that the faculty and the student body ought to develop an effective forum. I think we ought to do, as a Board of Trustees, what has been done at other universities. We ought to develop an effective forum. We ought to develop a procedure by which these types of problems, and there will be problems like this in the future, can be brought to this Board after they've been reviewed by a committee composed of students, faculty and alumni. After that type of review and discussion on pertinent points then this Board can look at the matter. And I think that the statement we make in the last paragraph where we say that we will look at social issues that are submitted to us, that is, we will look at them from the point of view of voting our proxy, emphasizes a need for such a forum where these types of issues can be discussed. For these reasons I cannot agree with this statement and will vote against it.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees by voice vote adopted the position set forth in the foregoing statement with eight affirmative votes and one negative vote cast by Mr. Smith.

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July 22, 1977 meeting, Board of Trustees

REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 78-17

Synopsis: Approval for reimbursement of expenses for designated Administrative Officials is requested.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-18

RESOLVED, That the report on the University's Investment Portfolio dated July 20, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees be received and filed with the official records of the Board.

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REPORT - PERSONNEL COMMITTEE

Resolution No. 78-19

WHEREAS the Personnel Committee of this Board has met and reviewed the stewardship of this University's President, Harold L. Enarson, and based upon this review the Committee recommended for approval the following resolution:

RESOLVED, That Harold L. Enarson's contract be renewed as President of the University through August 31, 1978, at his present salary.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 22, 1977 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 9, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward O. Moulton
Secretary

John L. Gushman
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 9, 1977

The Board of Trustees met at its regular monthly meeting on Friday, September 9, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

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Minutes of the last meeting were approved.

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September 9, 1977 meeting, Board of Trustees

Mr. Gushman, Chairman, made the following statement concerning the Committee appointments for the 1977-78 academic year.

At our May meeting I indicated that I would have some recommendations for changes in the Committee structure for the Board of Trustees for this coming year. After reevaluating the existing structure it seemed highly desirable to attempt to improve the communication between the Board and our students. I have recently appointed a Student Services Committee in an attempt to give students a direct 'pipeline' to the Board. Jim Hilliker, the most recent graduate of the University, has agreed to serve as Chairman of this Committee. Patricia James will be Vice Chairman and John Jacob will be the third Committee member. Any student or group who feels the need to communicate with the Trustees rather than having to go through our existing formalities, will find the Committee available to meet or talk with them. The sole function of the Committee is to improve communication and relations between students and the Board. The Board wants to know more about student concerns and problems and we want the students to understand our problems as Trustees. I am adding John Havens to the OARDC Agenda Review Committee; otherwise, the Committees will continue for the rest of the academic year both in membership and scope on the basis I outlined at our June meeting.

COMMITTEE APPOINTMENTS 1977-78

Educational Affairs Committee

Howard D. Sirak, Chairman
Patricia D. James, Vice Chairman
Warren J Smith

John D. Jacob
John L. Gushman, Ex Officio

Fiscal Affair Committee

Chester Devenow, Chairman
Donald J. Hilliker, Vice Chairman
M. Merle Harrod

John F. Havens
John L. Gushman, Ex Officio

Student Services Committee

Donald J. Hilliker, Chairman
Patricia D. James, Vice Chairman

John D. Jacob
John L. Gushman, Ex Officio

Personnel Committee

John L. Gushman, Chairman
M. Merle Harrod

Howard D. Sirak

OARDC Agenda Review Committee

John L. Gushman, Chairman
John M. Stackhouse, Vice Chairman

John F. Havens
Warren J Smith

September 9, 1977 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1977-78 (contd)

Development Fund Board

Donald J. Hilliker (one year)

John F. Havens (two years)

Inter-University Council

Donald J. Hilliker

Research Foundation Board

John D. Jacob (April, 1980)

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-20

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Wesley S. Green

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 31, 1977, of Wesley S. Green, County Extension Agent Emeritus.

Mr. Green was born September 1, 1899, in Doland, South Dakota. He graduated from high school in 1918. He received his bachelor of science degree in agricultural engineering in 1927 from The Ohio State University with some credit from the University of California. Mr. Green was employed as a surveyor and engaged in farming during and following his college education. In 1934 he joined the faculty of The Ohio State University as a County Agricultural Agent serving in Vinton County. He also served in Meigs County prior to accepting a temporary assignment with the United States Treasury Department from 1942 to 1944 as Deputy Administrator of Ohio War Finance for the bond selling program to reach Ohio farm people. He returned to employment with The Ohio State University in late 1944 and served in temporary positions in Guernsey, Noble and Lawrence Counties prior to January 1, 1947, when he was named County Agricultural Agent in Morgan County, a position which he held until his retirement on February 28, 1963.

Throughout his career he was a dedicated and highly respected agricultural educator and leader. He was well known and respected by his peers on the Extension faculty throughout the state. His quiet but effective leadership and outstanding contributions to the agricultural industry, particularly in southeastern Ohio, will long be remembered.

September 9, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wesley S. Green (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Green its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Green as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

D. C. Kiplinger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 11, 1977, of D. C. Kiplinger, Professor Emeritus of the Department of Horticulture. Professor Kiplinger retired on May 31, 1977, following nearly forty years of distinguished service to the University.

Professor Kiplinger received his B.Sc. degree from Iowa State University in 1937 and his M.Sc. and Ph.D. degrees from The Ohio State University in 1938 and 1952 respectively. He wrote several bulletins for the Ohio Agricultural Research and Development Center and published hundreds of articles concerning florist crop production. He is the co-author of *Commercial Flower Forcing*, the most widely used college text and guide to commercial producers.

In recognition of his many achievements Dr. Kiplinger was inducted into the Floriculture Hall of Fame in 1973; in addition Kip was awarded the Society of American Florists' Foundation for Floriculture Education and Research Award. Recently he was honored with the Henry E. Heiner Award from Roses Incorporated for contributions in research and education relating to greenhouse rose production. The American Society for Horticultural Science honored him with the L. M. Ware Distinguished Teaching Award for his dynamic teaching ability and his interest in and encouragement of his students.

Beginning in 1952, Professor Kiplinger was named to the position of Secretary-Treasurer of the Ohio Florists' Association. His leadership has increased the membership to nearly three thousand throughout the United States and in several other countries. In addition he served as the editor of the Ohio Florists' Association Bulletin. Kip also coordinated what has become the largest and best short course for retailers, wholesalers, and growers - the Ohio Florists' Short Course - which is held annually in Columbus, Ohio.

Through his inspiring teaching and his concern for people, Kip gained the respect of his students and floral crop producers throughout the nation. Through his guidance and his many contributions to floral crop production technology, Kip's influence will have a lasting impact for generations to come.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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FACULTY PROFESSIONAL LEAVE PROGRAM

Resolution No. 78-21

Synopsis: Faculty Professional Leave Program is proposed.

WHEREAS The Ohio State University recognizes the importance of continued professional development for its faculty; and

WHEREAS opportunities available include professional leaves which are granted to encourage increased scholarly competence approved by the Board of Trustees for the mutual benefit of the individual and the University; and

WHEREAS the following four criteria have been established to carry out this program:

1. Eligibility: Under this program and in accordance with Section 3345.28 O.R.C. any "full-time faculty member" with at least seven "academic years of teaching service" at The Ohio State University may be granted professional leave for a period not to exceed one academic year. For the purposes of this program "full-time faculty member" shall mean any regular faculty member on at least 50 percent appointment, and "academic year of teaching service" shall mean any academic year in which the full-time faculty member, while in such status, whether on nine months or eleven months appointments, had significant responsibilities to an instructional unit or units of the University. Regular faculty titles comprise Professor, Associate Professor, Assistant Professor and Instructor.
2. Procedure: Faculty members making written requests for leave should include a detailed description of the proposed work and the applicant's qualifications for the task. Requests for leave should be submitted to the department chairperson for department and college peer review. This review will be based upon formal criteria and procedures established by each college. Requests recommended by the college should then be forwarded by the Dean of the College to the Provost. Requests recommended by the Provost then go to the President. Requests approved by the President will be submitted by him for Board of Trustees approval. It is the responsibility of the department and college to insure that adequate funds are available for the leave, and that teaching and other obligations of the absent faculty member can be met satisfactorily.
3. Conditions:
 - a) Faculty professional leaves may be taken for one full term of appointment, or for a shorter period, and may, if continuous, bridge terms of appointment.
 - b) A full-time faculty member becomes eligible for a second professional leave after completion of seven academic years of service following the end of the first professional leave.
 - c) A professional leave may not be a terminal leave. In accepting such leave, faculty members shall recognize their responsibilities to return to the University for at least one year thereafter.

FACULTY PROFESSIONAL LEAVE PROGRAM (contd)

- d) Professional leaves of one quarter at full salary may be taken; however, longer leaves are to be encouraged. Other professional leave options for nine month appointment faculty may consist of two quarters each at three-fourths salary or three quarters each at two-thirds salary. Other leave options for eleven month appointment faculty may consist of two quarters each at three-fourths salary, three quarters each at two-thirds salary, or four quarters each at two-thirds salary.
- e) While on leave faculty members are free to accept grants for research or study to augment the leave stipend to the approximate level of their full-time salary, provided that the activity for which compensation is received is supportive of the purposes of the faculty professional leave. If unusual travel or living expenses will be involved requiring supplementation, a request for exception with full justification should accompany the application.
- f) Faculty members whose benefits, e.g., retirement and insurance coverage, would otherwise be reduced because of salary reductions during professional leaves will be granted the option of purchasing credit to permit continuing benefits at the normal level.
- g) Each recipient shall, within two months after returning from professional leave, submit to the President, Dean, and Department Chairperson a statement summarizing work completed while on leave.

4. Phasing: Since the University has not had a professional leave program, it will not be possible to consider leave requests from all full-time faculty members who are currently eligible. Phasing-in procedures for the first three years of the program will be developed by individual colleges in consultation with instructional units:

NOW THEREFORE

BE IT RESOLVED, That the Faculty Professional Leave Program as outlined above be adopted.

President Enarson made the following comments:

I'd like, if I may, to highlight a bit of history before I ask the Provost to speak to this very important matter. You will recall that earlier I reported that major universities throughout the nation have for many years had sabbaticals, or as they are more commonly called now, professional leave policies. The State of Ohio stood almost alone in the nation in not permitting professional leaves. The state universities were successful in the session of the Ohio General Assembly in persuading the Legislative leadership and the Legislature that such a program was in the best interests of the universities. It offers an opportunity for 'retreading,' it offers encouragement not only to people who join our faculty, but also to those who are on our faculty. I should add that such a policy becomes even more valuable in times such as we face now when the percentage of tenured persons rises, when the

September 9, 1977 meeting, Board of Trustees

FACULTY PROFESSIONAL LEAVE PROGRAM (contd)

President Enarson's comments (contd):

opportunities for mobility decrease, and when the obligations for professional development increase. If I may, I'd like to ask Dr. Kuhn to speak to the substance of the program--which, incidentally, we did cover in some detail this morning, Mr. Chairman, in the Educational Affairs Committee, but not all of you have heard this.

Dr. Kuhn responded:

Mr. President, members of the Board, we discussed with the Educational Affairs Committee this morning--and at the July board meeting--the proposal before you which was developed last year by the Faculty Compensation and Benefits Committee, a group of elected faculty member of the University Senate. They did exhaustive studies, looking at institutions comparable to us--the Big 10, the Big 8, indeed that league of universities with whom we are pleased to compare ourselves, the top 20-25 comprehensive research institutions in the country. The proposal which they have brought forward is a fairly standard one. It requires that people who are applying for professional leave have a proposal which is rigorously reviewed by peers, in the manner of tenure and promotion. Inasmuch as there are wide differences among the kinds of research that go on in our seventeen colleges, we thought it best that each of the colleges develop a procedure whereby such proposals would be reviewed and recommended to the Provost, who would then recommend to the President, for his approval, such professional leaves. As the President has indicated, this is a matter which is important to research faculty. I want to stress that such professional leave is not for merely having endured here; it is not a benefit; it is something that faculty have earned. The President and I want to give assurance--as indeed will the deans of the colleges--that a professional leave program ought to be for the benefit of the individual faculty member and of the University. We intend to see that it is precisely that.

Mr. Gushman:

I think the Committee met this morning. Mrs. James, are you prepared to report for the Committee.

Mrs. James:

Yes, there's not much more I can add to that except to say that we concur with Dr. Enarson and Dr. Kuhn and that we feel that it is indeed important for our faculty to have some program of professional development and we do recommend passage of this resolution, and I so move.

Mr. Harrod:

You say any full-time faculty member. That covers a lot of people.

September 9, 1977 meeting, Board of Trustees

FACULTY PROFESSIONAL LEAVE PROGRAM (contd)

Dr. Kuhn:

No. I omitted to mention Mr. Harrod that those faculty eligible must have served seven years, full-time, in the University--in effect that must be a tenured person. Since our tenure ratio is about 65 percent in the University, we are talking about two-thirds of the faculty.

Mr. Gushman:

That is still a lot of people that are eligible. How many people, can you give us an estimate how many might take advantage of the leaves.

Dr. Kuhn:

We think about one to one and a half percent of the eligible people.

President Enarson:

Mere eligibility won't enable you to recruit the added dollars for your family that enables you to take it.

Dr. Kuhn:

And there are clearly the people who will look twice at taking off a full year at a reduced salary if they don't have some kind of compensation from outside the University. So appearances can be deceiving relative to how attractive a professional leave would be. That is my point.

Upon motion of Mrs. James, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 78-22

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirements, Resignations, Appointments, Leaves of Absence Without Salary, and Emeritus Titles, are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the July 22, 1977 meeting of the Board, including the following Retirements, Resignations, Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Retirements

JOHN T. BONNER, JR., has indicated his desire to retire from the University during the current year, the date to be subsequently determined.

ERNEST W. LEGGETT will retire as Treasurer of the University and of the Board of Trustees no later than May 31, 1978.

Resignations

L. ORIN SLAGLE, JR., has requested that he be relieved of his duties as Dean of the College of Law effective at the end of this academic year. He will return to full-time teaching July, 1978.

JOHN P. NELSON, Assistant Vice President, Office of Residence and Dining Halls, has submitted his resignation with the exact date to be determined later.

Appointments

Name: ARTHUR E. ADAMS
Titles: Associate Provost, Office of Academic Affairs, and Professor
Department: History
Effective: September 1, 1977
Salary: \$42,840.00
Present Position: Dean, College of Humanities, and Professor, Department of History

Name: ROBERT E. BAILEY
Titles: Director, Energy Research, Graduate School, and Professor
Department: Mechanical Engineering
Effective: October 1, 1977
Salary: \$35,040.00
Present Position: Assistant Head, Division of Interdisciplinary Engineering Studies, and Professor, Nuclear Engineering, Purdue University

Name: MICHAEL W. CURRAN
Title: Acting Associate Dean
College: Humanities
Effective: October 1, 1977
Salary: \$27,000.00
Present Position: Associate Professor, Department of History

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: WILLIAM J. NAPIER
Title: Director of Government Relations
Office: Public Affairs
Effective: September 6, 1977
Salary: \$24,000.00
Present Position: Graduate Administrative Assistant to Director of Government Relations, Office of Public Affairs

Name: RONALD GLASER
Titles: Professor and Chairman
Department: Medical Microbiology
Effective: February 1, 1978
Salary: \$45,000.00
Present Position: Associate Professor, Department of Microbiology, The Pennsylvania State University, College of Medicine, Hershey, Pennsylvania, and Senior Member, Graduate School, The Pennsylvania State University, University Park, Pennsylvania

Name: VIRGINIA M. VIVIAN
Titles: Professor and Chairman
Department: Human Nutrition and Food Management
Effective: September 1, 1977
Salary: \$30,000.00
Present Position: Professor, Department of Human Nutrition and Food Management (part time - 40 per cent), and Professor, Department of Home Economics (part time - 60 per cent), Ohio Agricultural Research and Development Center

Name: PAUL T. YARRINGTON
Titles: Professor and Chairman
Department: Engineering Graphics
Effective: September 1, 1977
Salary: \$34,908.00
Present Position: Professor, Department of Engineering Graphics

Name: WILLIAM E. CLAUSEN
Titles: Associate Professor and Acting Chairman
Department: Engineering Mechanics
Effective: September 1, 1977
Salary: \$29,200.00
Present Position: Associate Professor, Department of Engineering Mechanics

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

WILLIAM J. VERNER, Assistant Dean, Engineering Administration, effective July 18, 1977 through August 7, 1977, for personal reasons.

ERNST BALTENSPERGER, Professor, Department of Economics, effective October 1, 1977 through September 30, 1978, to complete research projects.

LUVERN L. CUNNINGHAM, Professor, Academic Faculty of Educational Administration, effective June 11, 1977 through September 30, 1977, to assist Judge Duncan as Special Master in the Columbus Desegregation Case.

MYRON R. PORTER, Professor, College of Dentistry, effective June 10, 1977 through June 26, 1977, to fulfill military obligations.

ROLF SOELLNER, Professor, Department of English, effective October 1, 1977 through December 31, 1977, to accept a NEH Fellowship at the Folger Shakespeare Library in Washington, D. C.

WOLFGANG WITTKOWSKI, Professor, Department of German, effective October 1, 1977 through September 30, 1978, to serve as a Visiting Professor of German at the State University of New York at Albany.

ARNOLD M. ZWICKY, Professor, Department of Linguistics, effective October 1, 1977 through December 31, 1977, to accept a Fulbright research fellowship at University of Sussex, England.

ROBERT BROWN, Associate Professor, Department of Mathematics, effective October 1, 1977 through September 30, 1978, to work in the Actuarial Department of the Midland Mutual Life Insurance Company.

SANJIB K. GHOSH, Associate Professor, Department of Geodetic Science, effective October 1, 1977 through March 31, 1978, to serve as Visiting Professor at Hosei University, Japan.

CHARLES GRIBBLE, Associate Professor, Department of Slavic Languages and Literatures, effective October 1, 1977 through December 31, 1977, to complete study of important manuscript in the Hilander Collection.

LUCY D. VENABLE, Associate Professor, Department of Dance, effective October 1, 1977 through September 30, 1978, to study with Marjorie Barstow.

DONALD S. VAN METER, Associate Professor, Department of Political Science, effective October 1, 1977 through March 31, 1978, to continue public policy research in Office of Attorney General, State of Ohio.

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

EIICHI BANNAI, Assistant Professor, Department of Mathematics, effective October 1, 1977 through September 30, 1978, to engage in research at the University of Tokyo, Japan.

CHARLES COLEMAN COX, Assistant Professor, Department of Economics, effective October 1, 1977 through September 30, 1978, to accept a research fellowship at Hoover Institute at Stanford University.

ROBERT A. DE BEAUGRANDE, Assistant Professor, Department of German, effective January 1, 1978 through March 31, 1978, to complete two books, one in German and one in English.

HELEN FEHERVARY, Assistant Professor, Department of German, effective April 1, 1978 through September 30, 1978, to work with University of California at Berkeley on a research project.

DANIEL BYRON SHAPIRO, Assistant Professor, Department of Mathematics, effective October 1, 1977 through September 30, 1978, to teach at University of Regensburg, West Germany.

ANN MARIE DOWNEY, Instructor, School of Health, Physical Education, and Recreation, effective October 1, 1977 through September 30, 1978, to engage in program of professional improvement.

GEORGE C. HART, Instructor, University Libraries, effective August 22, 1977 through June 25, 1978, to accept a grant from the Council on Library Resources for study on Ph.D. program in Spanish and Portuguese at Indiana University.

ELIZABETH ANN KELLY, Instructor, Health Sciences Library, effective June 13, 1977 through September 18, 1977, for personal reasons.

MARY ANN RUFFING, Instructor, School of Nursing, effective October 1, 1977 through September 30, 1978, to engage in program of professional improvement.

Emeritus Titles

WALTER J. FRAJOLA, Department of Physiological Chemistry, with the title Professor Emeritus, effective July 1, 1977.

ROBERT C. MC MASTER, Department of Welding Engineering, with the title Professor Emeritus, effective July 1, 1977.

September 9, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ALDRICH SYVERSON, Department of Chemical Engineering, with the title Professor Emeritus, effective September 1, 1977.

PHYLLIS B. ROLFE, Academic Faculty of Early and Middle Childhood Education, with the title Assistant Professor Emeritus, effective September 1, 1977.

RALPH W. NEWMAN, Cooperative Extension Service, with the title Instructor Emeritus, effective August 1, 1977.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-23

Synopsis: The report on contracts, grants, and gifts and the summary for July is presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration and The Ohio State University Development Fund during the month of July, 1977, be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	23	\$2,454,505.46
The Ohio State University Research Foundation	57	2,273,211.00
The Engineering Experiment Station	4	106,289.00
		\$4,834,005.46
The Ohio State University Development Fund	4,028 Donors	\$ 557,468.68

Establishment of Named Funds

The D. C. Kiplinger Chair in Floriculture (Chair in Floriculture in College of Agriculture and Home Economics)	\$31,667.00
J. Edward Weaver Endowment Fund (The Ohio State University Hall of Fame)	21,000.00
The Clarence E. Jackson Scholar- ship in Welding Engineering (Department of Welding Engineering)	6,700.00
The Robert A. Main, Sr., Scholar- ship Fund (College of Administrative Science)	500.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

OFFICE OF BUSINESS AND ADMINISTRATION

	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student Programs	33	\$10,763,345.00	20	\$13,474,906.00	25
Training Grant	113	6,369,416.66	90	4,761,749.00	(25)
Total - Federal	146	\$17,132,761.66	110	\$18,236,655.00	6
State of Ohio	46	\$ 3,188,208.87	60	\$ 4,165,635.59	31
Industrial and Other	76	\$ 2,825,715.70	71	\$ 1,034,898.49	(63)
Totals	268	\$23,146,686.23	241	\$23,437,189.08	1

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	12	\$ 776,960.00	12	\$ 1,008,516.00	30
National Aeronautics and Space Administration	16	566,072.00	22	689,838.00	22
National Science Foundation	83	2,967,185.00	83	3,981,500.00	34
Department of Defense	81	2,953,787.00	102	4,382,431.00	48
Health, Education, and Welfare	150	10,224,309.00	138	10,828,149.00	6
Other Federal	38	4,057,214.50	42	3,360,040.00	(17)
Total - Federal	380	\$21,545,527.50	399	\$24,250,474.00	13
State of Ohio	17	\$ 252,488.30	23	\$ 680,517.00	170
Industrial, Private, and Other Non-Federal Sponsors	127	\$ 2,394,506.64	171	\$ 3,255,864.19	36
Totals	524	\$24,192,522.44	593	\$28,186,855.19	17

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

ENGINEERING EXPERIMENT STATION

Sponsor	1975-1976		1976-1977		% Change from 1975-76
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	20	\$ 290,034.00	30	\$ 143,367.00	(51)
State of Ohio	16	\$ 672,988.00	25	\$ 505,218.00	(25)
Industrial and Other	432	\$1,014,469.00	365	\$ 810,318.00	^(20)
Totals	468	\$1,977,491.00	420	\$1,458,903.00	(26)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1976 - June 30, 1977)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	1975-1976		1976-1977		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	35,571	\$ 801,418.06	40,110	\$ 930,282.12	16
Major Resources Group					
Deferred Gifts	47	\$1,957,202.33	49	\$1,426,906.14	(27)
Major Individual Gifts	825	1,593,331.33	1,082	2,476,535.64	55
Corporate Gifts	794	1,877,535.61	1,072	2,137,452.69	14
Foundation and Non-Profit Organization Gifts	641	1,749,433.69	726	2,829,264.42	62
Totals	2,307	\$7,177,502.96	2,929	\$8,870,158.89	24
Totals	37,878	\$7,978,921.02	43,039	\$9,800,441.01	23

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$580,420.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, for Mental Retardation Training, Nisonger Center for Mental Retardation, July 1, 1977 through June 30, 1978. (Grant No. MCT-000922-11-0)

\$204,858.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Division of Dentistry, Bethesda, Maryland, for Health Professions Special Project Grant Program, College of Dentistry, July 1, 1977 through June 30, 1978. (Grant No. 5 D08 DH15125-03)

\$128,078.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Division of Associated Health Professions, Bethesda, Maryland, for Interdisciplinary Training in Clinical Pharmacokinetics, College of Pharmacy, July 1, 1977 through June 30, 1978. (Grant No. 5 D08 AH15086-02)

\$124,363.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Medicine, July 1, 1977 through June 30, 1978. (I.D. No. 05L390071-78; Former No. 1 7 45 0430 15 1)

\$99,225.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Dentistry, July 1, 1977 through June 30, 1978. (I.D. No. 05L390075-78; Former No. 2 7 45 0430 15 1)

\$94,792.00 - Department of Justice, Bureau of Prisons, National Institute of Corrections, Washington, D. C., for Training Jail Trainers, The Center for Vocational Education, August 1, 1977 through July 31, 1978. (Grant No. AE-3)

\$87,903.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Veterinary Medicine, July 1, 1977 through June 30, 1978. (Grant No. 05L390083-78; Former No. 7 7 45 0430 15 1)

\$60,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, School Systems and Handicapped Education Branch, Washington, D. C., for Development of an Instrument for Inservice Training and Implementing Major Curricular Modifications to Prepare Personnel, Academic Faculty of Exceptional Children, July 1, 1977 through June 30, 1978. (Grant No. G007701469)

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$49,664.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland--\$30,615.00 for Nursing Student Loans, July 1, 1977 through June 30, 1978; and \$19,049.00 for Nursing Scholarships, July 1, 1977 through June 30, 1979, Student Financial Aids, School of Nursing. (I.D. No. 05L390029-78; Former No. B 7 45 0430 15 1)

\$45,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., for an Interdisciplinary Graduate Program in Physical Education, School of Health, Physical Education, and Recreation, July 1, 1977 through June 30, 1978. (Grant No. G007701170)

\$38,125.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Optometry, July 1, 1977 through June 30, 1978. (I.D. No. 05L390077-78; Former No. 4 7 45 0430 15 1)

\$30,366.00 - Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, for Research Training in Developmental Psychobiology, Department of Psychology, July 1, 1977 through June 30, 1978. (Grant No. 5 T32 MH14608-02)

\$17,000.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, for Health Professions Student Loans, Student Financial Aids, College of Pharmacy, July 1, 1977 through June 30, 1978. (I.D. No. 05L390079-78; Former No. 5 7 45 0430 15 1)

\$14,283.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Division of Associated Health Professions, Bethesda, Maryland, for Recruiting/Retaining Disadvantaged and Minority Students in Veterinary Medicine, College of Veterinary Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 D08 AH15080-02)

\$4,010.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland--\$2,472.00 for Nursing Student Loans, July 1, 1977 through June 30, 1978; and \$1,538.00 for Nursing Scholarships, July 1, 1977, through June 30, 1979, Student Financial Aids, School of Nursing. (I.D. No. 05L390068-78; Former No. G 7 45 0430 15 1)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$1,578,087.00

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants

\$667,600.35 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Trade and Industrial Education-Teacher Education and Supervision, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$78,813.11 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Business and Office Education-Teacher Education and Supervision, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$68,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Preparation of Appropriate Training Materials for Teacher and Student Use for Teacher Education Courses in Trade and Industrial Education, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$35,272.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Administration of Vocational Education Personnel Development Program for Ohio, College of Agriculture and Home Economics, Department of Agricultural Education, July 1, 1977 through September 30, 1978.

\$17,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Instructional Materials Development in Distributive Education, Academic Faculty of Vocational-Technical Education, July 1, 1977 through June 30, 1978.

\$5,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Home Economics Section, Columbus, Ohio, for two-week Summer Handicapped Workshop, Department of Home Economics Education, June 13, 1977 through June 24, 1977.

\$2,133.00 - State of Ohio, Department of Education, Division of Federal Assistance, Columbus, Ohio, for Adult Basic Education, Academic Faculty of Vocational-Technical Education, October 1, 1976 through September 30, 1977.

\$2,100.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for State Vocational Education Personnel Development Coordination of EPDA National Training Activity Projects, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$876,418.46**

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$148,924.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Medicine, Department of Physical Medicine, 1 July 1977 through 30 June 1978. (Project 710555 - New)

\$141,453.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, University Affiliated Facilities - Administration and Operation, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 June 1977 through 29 June 1978. (Project 710559 - New)

\$130,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, Broadening the Concept of Advocacy in Habilitation, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 June 1977 through 29 June 1978. (Project 710560 - New)

\$104,258.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Conduct Investigation of Clinical Pharmacology of Potential Anticancer Agents, College of Pharmacy, 23 June 1975 through 22 June 1978. (Project 784210 - Modification No. 2)

\$104,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Continuation Application Language Area Center for Slavic and East European Studies, Department of Slavic Languages and Literatures, 1 July 1977 through 30 June 1978. (Project 710553 - New)

\$92,252.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine, 26 June 1972 through 25 July 1978. (Project 783478 - Modification No. 7)

\$91,219.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Dentistry, Hyattsville, Maryland, Expanded Function Dental Auxiliary (EFDA) Basic Education Training, College of Dentistry, Division of Dental Hygiene, 1 August 1977 through 31 July 1978. (Project 710575 - New)

\$76,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 710581 - New)

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$72,531.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Factors Modifying Blood Platelet Function in Diabetics, Department of Physiological Chemistry, 1 July 1977 through 30 June 1978. (Project 710552 - New)

\$65,500.00 - National Science Foundation, Washington, D. C., Glaciological Investigation of the Dome C Area, East Antarctica, Institute of Polar Studies, Graduate School, 1 October 1977 through 31 March 1979. (Project 710602 - New)

\$63,404.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Mitochondrial Transmission Genetics, Department of Genetics, 1 August 1977 through 31 July 1978. (Project 710595 - Extension No. 4)

\$58,732.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Interdisciplinary Training in Developmental Biology, Department of Zoology, 1 July 1977 through 30 June 1978. (Project 710550 - New)

\$49,414.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Research on the Translation of Phase-Structure Languages, Department of Computer and Information Science, 1 May 1975 through 30 June 1978. (Project 784151 - Modification No. AFOSR 75-2811C)

\$49,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 July 1977 through 30 June 1978. (Project 710580 - New)

\$48,495.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis, Department of Chemistry, 1 August 1977 through 31 July 1978. (Project 710563 - Extension No. 6)

\$45,292.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Immobilized Enzymes, Applications in Protein Chemistry, Department of Biochemistry, 1 August 1977 through 31 July 1978. (Project 710269 - Extension No. 5)

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$42,804.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Training Model in Speech Pathology and Audiology, Department of Communication, 1 July 1977 through 30 June 1978. (Project 710544 - New)

\$41,632.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Medicine, Department of Physical Medicine. (Project 710555 - Amendment No. 1)

\$40,000.00 - Department of the Air Force, Headquarters, Rome Air Development Center (AFSC), Griffiss Air Force Base, New York, Advanced TDMA Techniques and Bit Synchronous Design and Array Component Evaluation, ElectroScience Laboratory, Department of Electrical Engineering, 1 January 1975 through 15 January 1979. (Project 710300 - Modification No. P00010)

\$39,197.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Summer Institute on Folklore and Traditions of Mexican-American, Black and Appalachian People, Department of Romance Languages and Literatures, 1 August 1977 through 31 July 1978. (Project 710578 - New)

\$39,080.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Department of Preventive Medicine, 1 July 1977 through 30 June 1978. (Project 710628 - New)

\$37,506.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression and Synthesis in Neurospora, Department of Biochemistry, 1 July 1977 through 30 June 1978. (Project 710549 - New)

\$33,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Course Development in Undergraduate International Studies Education, Department of Political Science, 1 July 1977 through 30 June 1978. (Project 710557 - New)

\$30,740.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Enzyme Immobilization for Detection of Conformation Changes, Department of Biochemistry, 1 July 1977 through 30 June 1978. (Project 710548 - New)

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$29,306.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Ohio State University Russian Language Program in Moscow, Department of Slavic Languages and Literatures, 1 January 1978 through 1 July 1978. (Project 710625 - New)

\$27,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Aviation, 1 September 1976 through 30 September 1977. (Project 784511 - Supplement No. 1)

\$26,658.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, New Spectral Probes in Hemolytic Anemias, Department of Physiological Chemistry, 1 July 1977 through 30 June 1978. (Project 710554 - Extension No. 2)

\$25,092.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering, 1 August 1976 through 31 July 1978. (Project 784508 - Modification No. P00005)

\$25,000.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology, 1 July 1977 through 30 June 1978. (Project 784754 - New)

\$25,000.00 - National Science Foundation, Washington, D. C., Halogenation Reactions of Group IB Atoms Using Molecular Beams and Spectroscopic Detection, Department of Chemistry, 1 September 1976 through 31 August 1978. (Project 784526 - Letter dated 24 June 1977)

\$24,001.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry, 1 June 1977 through 31 May 1978. (Project 710050 - Extension No. 7)

\$20,357.00 - Department of the Army, Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Road Dust - Its Physical and Chemical Characteristics and Its Potential Impact on Tundra Vegetation North of the Brooks Range, Alaska, Institute of Polar Studies, Graduate School, 7 July 1977 through 6 December 1979. (Project 710561 - New)

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,000.00 - National Science Foundation, Washington, D. C., Combinatorial Problems of Applied Discrete Mathematics, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710627 - New)

\$16,242.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Rockville, Maryland, Development of a Guide for EMS Communications Training, Department of Preventive Medicine, 1 August 1977 through 30 November 1977. (Project 710613 - Extension No. 1)

\$14,652.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Lymphoid Leukemia: Immune RNA Therapy, Department of Microbiology, 1 September 1976 through 28 February 1978. (Project 783538 - Supplement No. 1)

\$10,500.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Techniques for the Analysis of Terrestrial and Satellite Data for the Determination of the Earth's Gravitational Field, Department of Geodetic Science, 1 May 1971 through 30 November 1977. (Project 783210 - Supplement No. 9)

\$10,380.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine. (Project 710027 - Supplement No. 1)

\$4,800.00 - National Science Foundation, Washington, D. C., Demographic Genetics of *Desmodium nudiflorum*, Department of Botany. (Project 784587 - Letter dated 28 June 1977)

\$4,000.00 - National Science Foundation, Washington, D. C., Conference on Transport Effects in Inhomogeneous Media, Department of Physics, 1 July 1977 through 31 December 1977. (Project 710609 - New)

\$2,811.00 - Department of Agriculture, Forest Service, Portland, Oregon, Creep of Slopes of Permafrost, Department of Civil Engineering, 15 July 1977 through 31 December 1977. (Project 710576 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,927.232.00**

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$122,200.00 - World Health Organization, Geneva, Switzerland, Evaluation of Active Immunization With Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology, 1 July 1977 through 30 June 1978. (Project 710610 - New)

\$75,682.00 - American Board of Internal Medicine, Philadelphia, Pennsylvania, American Board of Internal Medicine - Model for Evaluation and Recertification through Individualized Testing (MERIT) - Phase III, College of Medicine Administration, 1 January 1977 through 31 March 1978. (Project 710591 - New)

\$64,000.00 - Metropolitan Human Services Commission, Columbus, Ohio, Human Services Needs Assessment in Franklin County, College of Social Work, 28 March 1977 through 31 August 1977. (Project 784699 - New)

\$16,060.00 - American Heart Association, Inc., Dallas, Texas, Hydrophobic Binding in Thrombin Action, Department of Chemistry, 1 July 1977 through 30 June 1978. (Project 710603 - Extension No. 1)

\$12,500.00 - Toledo Edison Company, Toledo, Ohio, Impingement and Entrainment Studies at the Acme and Bay Shore Power Stations, Toledo Edison Company, Center for Lake Erie Area Research, College of Biological Sciences, 1 July 1977 through 31 December 1977 (Project 710608 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Anti-Tumor Immunotherapy Using the Active Component, Poly (A) Containing Messenger RNA, Isolated from "Immunogenic" RNA, Department of Microbiology, 1 July 1977 through 30 June 1978. (Project 710594 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Lymphocyte Receptor Mechanisms in Malignant Disease, Department of Pathology, 1 July 1977 through 30 June 1978. (Project 710568 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Chemotherapeutic Efficacy of Leucine Chloremethylketone, Department of Physiological Chemistry, 1 July 1977 through 30 June 1978. (Project 710567 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Anti-Tumor Activity of New BCG Fractions, Department of Medical Microbiology, 1 July 1977 through 30 June 1978. (Project 710558 - New)

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$5,995.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Measurement of Genetic Damage in Mammalian Tissues Exposed to Mutagens and Carcinogens, College of Pharmacy, 1 July 1977 through 30 June 1978. (Project 710593 - New)

\$5,940.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Immunoreactive Trypsin as an Index of Pancreatic Cancer in the Syrian Golden Hamster, Department of Veterinary Physiology and Pharmacology, 1 July 1977 through 30 June 1978. (Project 710626 - New)

\$5,000.00 - U. S. Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 783911 - Check dated 5 July 1977)

\$4,208.00 - Schering Corporation, Kenilworth, New Jersey, The Use of the Steroidal Anesthetic CT 1341 as an Equine Intravenous Anesthetic, Department of Veterinary Clinical Sciences, 1 July 1977 through 30 September 1977. (Project 710599 - New)

\$3,300.00 - Department of Public Safety, City of Columbus, Columbus, Ohio, Evaluation of Citizen's Crime Reporting Program, School of Public Administration, 1 July 1977 through 31 March 1978. (Projects 710601 - New)

\$3,094.00 - The Procter & Gamble Company, Cincinnati, Ohio, AP Study, College of Dentistry, 1 July 1977 through 30 September 1977. (Project 710565 - New)

\$3,000.00 - The National Foundation March of Dimes, New York, New York, Effect of Hypoxia on the Characteristics of an Integrative Neuronal Network in the Developing Brain, Department of Physiology, 1 July 1977 through 31 August 1977. (Project 710564 - New)

\$1,000.00 - World Health Organization, Geneva, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology, 1 July 1977 through 30 June 1978. (Project 710543 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$345,979.00

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State of Ohio Contract

\$41,000.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for a Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, Department of Mechanical Engineering, July 1, 1977 through August 31, 1977. (EES 508C)

Industrial and Other Contracts

\$32,905.00 - American Gas Association, Arlington, Virginia, for Mechanism for the Accumulation of Static Charge on Plastic Pipe Installations, Department of Electrical Engineering, July 1, 1977 through June 30, 1978. (EES 569)

\$20,000.00 - American Gas Association, Arlington Virginia, for Surface Combustion of Hydrogen and Other Light Gaseous Fuels in the Presence of a Non-Uniform Electrostatic Field and Corona Wind, Department of Mechanical Engineering, August 15, 1977 through August 14, 1978. (EES 561, Extension No. 1)

\$12,384.00 - Dayco Corporation, Springfield, Missouri, for Tensile Fatigue Testing of V-Belts, Department of Mechanical Engineering, June 1, 1977 through September 30, 1978. (EES 453, Extension No. 4)

TOTAL - INDUSTRIAL AND OTHER CONTRACTS	\$ 65,289.00
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THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$22,400.00 from Burroughs Wellcome Company, Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

\$20,251.61 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$19,620.76 from Louise Orr Scott Foundation, Columbus, Ohio--\$14,715.57 for the William Craig Orr and Mary Black Orr Scholarship in Medicine; and \$4,905.19 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$15,460.00 from The Procter & Gamble Company, Cincinnati, Ohio--\$8,500.00 for the Clinical & Experimental Neuromuscular Disease Fund and \$6,960.00 for their fellowship fund in chemical engineering.

\$14,056.90 from The Refractories Institute, Pittsburgh, Pennsylvania, for their research fund in engineering.

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$12,000.00 from Grange Mutual Casualty Company, Columbus, Ohio, for Friends of WOSU Fund in support of the telecasts of Ohio State football this fall.

\$10,950.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in medicine.

\$10,269.11 from Ohio Turfgrass Foundation, Columbus, Ohio, for research in the Department of Agronomy.

\$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for the College of Medicine.

\$9,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Clinical Pharmacology of Dobutamine-Eli Lilly Company Fund.

\$8,040.00 from George F. Lonz Foundation, Middle Bass, Ohio, for their fund for Enology and Viticulture.

\$6,768.00 from Melvin E. Moffitt Estate, San Antonio, Texas, for an unrestricted named endowment fund.

\$6,736.40 from Grace and Carl Baldwin Trust, Columbus, Ohio, for their eye care endowment fund.

\$6,654.00 from Dade Division, American Hospital Supply Corporation, Miami, Florida, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$6,252.64 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$5,130.00 from American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for their fellowship fund.

\$5,050.00 from Rohm & Haas Company, Springhouse, Pennsylvania--\$3,000.00 for their Chemical Engineering Fund; \$1,050.00 for the College of Biological Sciences Colloquium; and \$1,000.00 for the Department of Chemical Engineering Scholarship Fund.

\$5,000.00 from Mr. and Mrs. Edward C. Haaf, Canal Winchester, Ohio, for their endowed scholarship fund.

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$5,000.00 from Hedges Office Account (given in the names of Edmund H. Hedges, Jr. and William J. Hedges), Lima, Ohio, for the Harry E. LeFever Fund for Education in Neurological Surgery.

\$5,000.00 from Mid-Ohio Automotive, Inc. (given in the names of Don Kirsch and Stan Hiltz), Columbus, Ohio, for the Louis Levy Professorship for Cancer Research Fund.

\$5,000.00 from The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for a fellowship in ceramic engineering.

\$5,000.00 from Ross Laboratories, Columbus, Ohio, for the Management Science Faculty Support Fund.

Establishment of Named Funds

The D. C. Kiplinger Chair in Floriculture

The D. C. Kiplinger Chair in Floriculture was established September 9, 1977, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends of Dr. D. C. Kiplinger (Master of Science, 1937, and Doctor of Philosophy, 1952), members of the Ohio Florists' Association, and the Ohio State Floriculture/Landscape Horticulture Alumni Association members.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide salary and program support for the work of a distinguished scholar and researcher in floriculture. Appointment to the D. C. Kiplinger Chair will be recommended by the Dean of the College of Agriculture and Home Economics to the Provost and approved by the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for floricultural education.

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The J. Edward Weaver Endowment Fund

The J. Edward Weaver Endowment Fund was established September 9, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of J. Edward Weaver, B.A. '33, Columbus, Ohio. This honor is being bestowed upon the occasion of Mr. Weaver's retirement as Director of Intercollegiate Athletics.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to help underwrite costs incurred by the Varsity "O" Board of Directors in establishing The Ohio State University Athletic Hall of Fame. After the Hall of Fame is in operation, the annual income from this fund will be used in accordance with suggestions from Mr. Weaver in concurrence with the Director of Intercollegiate Athletics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to the appropriate administrative official of the University who is then directly responsible for Intercollegiate Athletics.

The Clarence E. Jackson Scholarship in Welding Engineering

The Clarence E. Jackson Scholarship in Welding Engineering was established September 9, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and colleagues of Clarence E. Jackson, distinguished Professor of Welding Engineering, upon his retirement.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Welding Engineering. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the Department of Welding Engineering.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for Welding Engineering education.

September 9, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Robert A. Main, Sr., Scholarship Fund

The Robert A. Main, Sr., Scholarship Fund was established September 9, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert A. Main, Sr., B.S.Bus.Adm., 1948, Wyckoff, New Jersey.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$5,000. At that time, the income is to be used to provide one or more undergraduate scholarships for students enrolled in the College of Administrative Science. First preference will be given to students who have demonstrated academic ability and the need for financial assistance.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

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AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND THE OHIO BOARD OF REGENTS FOR THE OPERATION OF THE RESEARCH AND GRADUATE EDUCATION FACILITY AT THE TRANSPORTATION RESEARCH CENTER OF OHIO

Resolution No. 78-24

Synopsis: Agreement between The Ohio State University and the Ohio Board of Regents for operation of Research Graduate Education Facility at the Transportation Research Center of Ohio is proposed.

WHEREAS the Board of Regents has requested that The Ohio State University enter into a contract with the Regents for the purpose of continuing the management of the research and graduate education facility at the Transportation Research Center of Ohio for the benefit of all institutions of higher education in the State of Ohio; and

WHEREAS this contract provides that The Ohio State University will be responsible for convening an Advisory Board comprised of Deans of the Engineering Colleges of the State-assisted and private colleges in Ohio for the purpose of consulting on matters relating to control and management of this facility:

September 9, 1977 meeting, Board of Trustees

AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND THE OHIO BOARD OF REGENTS FOR THE OPERATION OF THE RESEARCH AND GRADUATE EDUCATION FACILITY AT THE TRANSPORTATION RESEARCH CENTER OF OHIO (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration of The Ohio State University be authorized to enter into such an agreement with the Ohio Board of Regents for the operation of the research and graduate education facility located at the Transportation Research Center of Ohio, East Liberty, Ohio.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND THE TRANSPORTATION RESEARCH BOARD OF OHIO FOR THE OPERATION OF THE RESEARCH AND GRADUATE EDUCATION FACILITY AT THE TRANSPORTATION RESEARCH CENTER OF OHIO

Resolution No. 78-25

Synopsis: Agreement between The Ohio State University and the Transportation Research Board of Ohio for the operation of the Research and Graduate Education Facility at the Transportation Research Center of Ohio is proposed.

WHEREAS the Board of Regents has requested that The Ohio State University enter into a contract with the Regents for the purpose of continuing the management of the research and graduate education facility at the Transportation Research Center of Ohio for the benefit of all institutions of higher education in the State of Ohio; and

WHEREAS this contract also recognizes that The Ohio State University shall enter into an agreement with the Transportation Research Board of Ohio for the use of shared facilities owned, maintained, and operated by the Transportation Research Center of Ohio:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration of The Ohio State University be authorized to enter into such an agreement with the Transportation Research Board of Ohio for the operation of the research and graduate education facility located at the Transportation Research Center of Ohio, East Liberty, Ohio.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 9, 1977 meeting, Board of Trustees

**EASEMENT - COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
KENNY ROAD - ELECTRICAL SERVICE LINE**

Resolution No. 78-26

Synopsis: Electrical Easement on Kenny Road is being proposed.

WHEREAS the University has received a request from the Columbus and Southern Ohio Electric Company for an electrical easement to serve the new Foundry Metals-Glass Building located at 1991 Kenny Road; said electrical line shall be constructed within the limits of a 10-foot strip of land approximately 1149 feet in distance, with a deflection angle left at the northwest section which contains a segment of land, 10 feet in width and 77 feet in length, said segment is located approximately 847 feet west of Kenny Road;

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS
FOR THE FISCAL YEAR JULY 1, 1975 THROUGH JUNE 30, 1976**

Resolution No. 78-27

Synopsis: Report of Auditor of State for The Ohio State University Hospitals for fiscal year July 1, 1975 through June 30, 1976, is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the annual report of the Auditor of State for The Ohio State University for the period July 1, 1975 through June 30, 1976, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University Hospitals were found to be in order but certain recommendations were included in the report; and

September 9, 1977 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS
FOR THE FISCAL YEAR JULY 1, 1975 THROUGH JUNE 30, 1976 (contd)**

WHEREAS the recommendations have been studied by the appropriate administrative officers and procedures have been developed in response to the changes recommended:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

Upon motion of Mr. Devenow, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY -
COLLEGE WORK-STUDY PROGRAM FOR THE PERIOD
JULY 1, 1973 THROUGH JUNE 30, 1976**

Resolution No. 78-28

Synopsis: Report of Auditor of State for The Ohio State University - College Work-Study Program for the period July 1, 1973 through June 30, 1976, is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University - College Work-Study Program for the period July 1, 1973 through June 30, 1976, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University - College Work-Study Program were found to be in order:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

Upon motion of Mr. Devenow, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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September 9, 1977 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-29

RESOLVED, That the report on the University's Investment Portfolio dated September 8, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORT - PROGRESS OF PROGRAMS FOR THE PHYSICALLY IMPAIRED

Mrs. Nancy J. Brower, Director, Office of the Physically Impaired, presented a report to the Board on "Progress of Programs for the Physically Impaired" at The Ohio State University.

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PRACTICE PLAN FOR THE COLLEGE OF MEDICINE

Statement by Harold L. Enarson, President, The Ohio State University

As the members of the Board are aware, I had asked Mr. Howard Collier, Vice President for Finance of the Medical College of Ohio at Toledo, to work with my staff in analyzing our progress toward the development of a Practice Plan for the College of Medicine. Copies of the report that has been produced have been distributed to the Board members.

The report traces the history of efforts to develop a Plan at this institution, beginning with the Board of Trustees' first action in this regard in 1954. A review of this lengthy history--with an interminable list of committees, studies, proposals and discussions--leads inexorably to the conclusion that a new and different approach is required.

It is now obvious to everyone that an acceptable Practice Plan will not be developed unless the Board and the administration take it upon themselves to prepare the working draft. It is also obvious that further delay in the development, adoption and implementation of a Practice Plan will serve no useful purpose.

Accordingly, with your approval I plan to take the following steps:

1. Appoint an internal working group--composed of Dr. Howard Sirak, Vice Chairman of this Board; William Vandament, Director of Budget and Resources Planning; Kathryn Schoen, Associate Provost for Faculties; and Eric Gilbertson, my assistant--to prepare, by January 1, 1978, a draft Practice Plan to be used as the basis for further consultation with the medical faculty;
2. Contract with such external consultants as may be necessary to assist in the development of this Plan; and

September 9, 1977 meeting, Board of Trustees

PRACTICE PLAN FOR THE COLLEGE OF MEDICINE (contd)

3. Recommend to this Board that a Practice Plan be formally adopted and put into effect, after -- I again stress -- full and open consultation with the medical faculty, during the fiscal year which begins July 1, 1978.

I have appreciated the strong support of the members of the Board on this matter. I plan to report to you on our progress at subsequent meetings until some resolution is achieved.

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September 8, 1977

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE

To: President Harold L. Enarson

From: Howard L. Collier
Eric R. Gilbertson

This report is divided into four sections: I. Definition of the Need for a Practice Plan. II. Chronology of Events Relative to the Development of a Practice Plan for O.S.U. III. Policy Questions to be Resolved. IV. Recommendations. It is intended to be a first step towards the expeditious development of a draft Practice Plan by the Trustees and administration of the University for use in deliberations with the faculty of the College of Medicine.

I. Definition of the Need for a Practice Plan

The financing of medical education in the United States is extremely complex; the states, the federal government, students, and faculty each make a vital contribution. At The Ohio State University College of Medicine, as in almost all other centers of medical education, the actual provision of health care services is an integral part of the mission of the medical faculty, along with their teaching and research responsibilities. These three complement one another; indeed they are inseparable.

Unlike teaching and most research, however, the direct provision of health care services -- the treatment of patients -- is an income-generating activity. And while this income-generating potential is greater in some fields of specialty than in others, it nonetheless plays an important part in the compensation of faculty and in financing opportunities for the improvement of the overall medical education program.

Medical schools in the United States, indeed some 87% of them, have adopted "Practice Plans" -- a formal and systematic way of dealing with income generated by faculty from the treatment of private patients in order to provide fairness and equity in the compensation of all faculty in the medical school, to recover those costs that are directly and indirectly associated with the income-generating treatment of patients, and to provide for the overall improvement of their educational and research programs.

September 9, 1977 meeting, Board of Trustees

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

While the Practice Plans that have been adopted by the various medical schools differ greatly in their organization and distribution of funds, all seem to have these general objectives:

- (1) To assist universities in meeting the primary goals of teaching, research, and patient care.
- (2) To assist in the recruitment and retention of a medical faculty of high quality.
- (3) To provide faculty incomes which are competitive with the incomes of faculty members in the same disciplines at comparable academic medical centers in the United States.
- (4) To assure financial stability for the faculty by providing appropriate incentives and through sharing of risk, so that appropriate charges will be made for all professional services rendered.

II. Chronology of Events Relative to the Development of a Practice Plan for OSU

The following dates mark the most significant events in the effort to deal with practice-generated fee income at The Ohio State University:

- (1) 7/12/54 -- The minutes of the Board of Trustees reflect the following action:

"President Bevis presented the following recommendation:

"That the Administration be authorized as a matter of policy to establish compensations for full-time, permanent personnel of the College of Medicine at figures which will attract top-flight people; that within limits to be set by the University, such persons be permitted to earn fees by 'practice' or 'consultation'; that all statements for such services be sent out by the University and all receipts be paid into appropriate rotary funds; that a portion of the compensation of such personnel be paid out of A-1 salary funds, such portion to approximate the salaries paid to persons of equivalent status in other parts of the University; that the remainder of such total salaries be paid out of the 'earnings' in the appropriate rotaries and, that any balances in such rotaries over and above the amounts required to pay such salaries be paid into the general funds of the University.

"Upon motion of Judge Gorman, seconded by General Dargusch, the above recommendation was approved by unanimous vote."

This action was modified by the Board in subsequent action at its November 8, 1954 meeting.

**PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE
PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)**

- (2) 7/11/58 -- The minutes of the Board of Trustees reflect the following action:

"It is recommended that the action of the Board of Policy to establish compensations for full-time permanent personnel of the College of Medicine . . ., approved at its meeting on July 12, 1954 and amended at its meeting on November 8, 1954, be rescinded."

* * * *

"Upon motion of Judge Gorman, seconded by Mr. Patton the foregoing general recommendations were approved by unanimous vote."

- (3) 7/23/71 -- President Fawcett, at the request of the Chairman of the Board of Trustees, asked for a comprehensive review of the guidelines, policies, procedures of all departments of the College of Medicine concerning source and distribution of "patient fees for professional services rendered."
- (4) 8/27/71 -- The Vice President for Medical Affairs appointed an "Ad Hoc Committee," chaired by Dr. Stuart Roberts, composed of 22 faculty members, to study both Ohio State University Hospitals procedures and those of other teaching hospitals in the United States.
- (5) 11/29/71 -- The interim report of the Ad Hoc Committee, dated November 23, 1971, was received with the resolution of the Executive Committee of the University Hospitals dated November 23, 1971, which states "fees for service rendered for professional care of patients are the sole property of the physician rendering the service and it is their sole right to dispose of these fees for service as they so desire."
- (6) 12/1/71 -- President Fawcett wrote that the Ad Hoc Committee recommendations "fall short of the kinds of guidelines" he desired and he, therefore, had decided not to take this to the Board (Finance Committee).
- (7) 12/14/71 -- Meeting of University Hospital Medical Society unanimously voted to present the "eight points of the Ad Hoc Committee report" by mailed ballot (unsigned) to all members of the Hospital staff for approval or disapproval by point.
- (8) 1/18/72 -- The "Ad Hoc Committee" final report was sent to President Fawcett with support from the Vice President for Medical Affairs. The mail vote of the University Hospital staff on each of the questions ranged from 79% to 97% affirmative support.
- (9) 2/4/72 -- President Fawcett made a report to the Finance Committee of the Board of Trustees on the subject "regularizing of fees for patient care."

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (10) 3/10/72 -- President Fawcett, in a conference, expressed acceptance of a few of the points in the report, disapproved others, and modified others.
- (11) 4/3/72 -- President Fawcett appointed a committee "for the purpose of developing a series of recommendations to my successor and the Board of Trustees relating to the Practice of Medicine in the University Hospitals by members of our faculty." Professor Ronald St. Pierre served as chairman.
- (12) 1/12/73 -- Report of the Survey Team representing the Liaison Committee on Medical Education, which last accredited The Ohio State University College of Medicine on September 25-28, 1972, was received. It states in part:

"A significant absence from the 18 million dollar total revenues is any contribution from a medical service plan. This is an area that the survey team explored in some depth with almost every department chairman and especially in the clinical sciences. It was soon obvious that there was no consistency nor uniformity throughout the college. Some departments had no plan, others had a very crude one, and others had a rather evolved plan or partnership arrangement. In no case did the college become involved in the billing process. Each department is apparently left to its own devices or initiative.

"The survey team was unanimous in its recommendation that the medical college should endorse a policy for the collection and disbursement of professional fees acquired for services rendered based on a regular university approved program. That is, the team urges the adoption of general guidelines on a college wide basis, which would leave open the possibility of negotiations within that framework on a department by department basis. The team recognizes the philosophy of Ohio State to encourage the faculty of clinical departments to earn a significant portion of their own income. While this policy may be defended in the current climate, careful monitoring is necessary to prevent the uncontrolled growth of high - vs. - low earning departments. The emphasis on earning from practice can also jeopardize teaching and research development. Last, but not least, there is a growing number of states demanding public accountability from those state institutions accepting support of the school from public funds. It is not hard to imagine a similar requirement from the Federal government. In short, it is not unlikely that the College of Medicine will be required to report the total earned income of its faculty in the near future."

- (13) 3/26/74 -- The report of the St. Pierre Committee was received. It recommends practice plans on departmental basis with required contribution of 14% of gross income collected from patient-oriented services. This income was to be used to reimburse the College for direct and indirect costs incurred in the treatment of patients, with the remainder, if any, allocated at the discretion of elected departmental committees.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (14) Various departments either "rejected" (as e.g., Surgery, Anesthesiology), or offered critical comments about the recommendations of the St. Pierre Committee.
- (15) Subsequent to the receipt of this report, attempts were made to implement practice plans at the departmental level. These achieved only limited success. Some departments adopted plans, others did not. And in some departments with plans, individual faculty members refused to participate.
- (16) 2/18/77 -- President Enarson wrote to Dean Cramblett stating: "While in the past I have encouraged a departmental approach to developing practice plans, I am now convinced -- as I believe is the Board of Trustees -- that a college-wide plan is needful and that we should work toward implementing a satisfactory one as soon as possible." He further stated: "I am aware that there is no model practice plan. What works and is equitable at one institution is not necessarily so at another. But it does appear to me that there are some indispensable general criteria for such a plan."
 - (1) It should ensure that resources are used to result in the best balance of teaching, research, and patient care. That implies the appropriate information system to assure accountability to the college.
 - (2) It should require the participation of all members of the faculty.
 - (3) It should not only require the reimbursement of the College for all direct support services related to the generation of physician fee income but also the provision for faculty enrichment programs at both the department and college level."
- (17) 3/5/77 -- Dean Cramblett conducted a survey of Clinical Department Chairmen regarding competitive compensation levels for faculty in the various disciplines, estimates of time spent by faculty in the instruction of students, and the level of voluntary support from fee income currently being provided by clinical faculty.
- (18) 3/30/77 -- Dean Cramblett shared a draft of Practice Plan -- providing recovery to the College of Medicine of 20% of gross fee collections -- with Clinical Department Chairmen.
- (19) 6/8/77 -- Howard Collier met with Clinical Department Chairmen and, in separate meeting, with members of the Board of Trustees to discuss Practice Plans.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (20) 6/8/77 -- The Board of Trustees unanimously adopted the following resolution:

"BE IT RESOLVED, That the President of this University be directed, after due consultation, to develop a single, appropriate practice plan for its' medical faculty, for Board consideration and action no later than July 1, 1979."

III. Policy Questions to be Resolved

- (1) Form of organization. According to a March, 1977 study by the Association of American Medical Schools, Practice Plans in effect at American medical schools vary from the highly centralized to the highly decentralized. Whatever the degree of centralization, however, these plans seem to break down into two distinctive types: those which employ the device of a separate incorporated entity and those which are administered directly by the institutions themselves. Under the former alternative, all M.D.'s who are members of a medical school faculty are obligated, as a condition of employment, to also be members of the medical faculty's professional corporation. The University negotiates with the professional corporation as to the specific financial arrangements under which the individual faculty members will receive compensation, costs are reimbursed, and a return to various college and departmental funds is provided.

The professional corporation employs its own staff to collect charges to patients, administer receipts and pay practice-related expenses (e.g., malpractice liability insurance, secretarial services, etc.).

Institutionally-administered plans may either centralize the fee collecting and income dispensing process -- acting much like the corporate entity -- or may allow these functions to be decentralized and deal only with that portion of the fee income to which it is entitled under the terms of the plan.

Given the existing arrangements for the practice of medicine by members of the clinical faculty at O.S.U., it would appear that the establishment of a single professional corporation for all clinical faculty would not be a feasible alternative. Long-standing professional practice associations -- corporate, partnership, and contractual -- have been established by faculty and should not be needlessly disrupted. Also fee collecting arrangements are in place, and are presumably working to the satisfaction of the individual physicians.

The decentralized, institutionally-administered model also offers the advantages of simplicity and a relative ease of administration.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

Accordingly, while the possibility of establishing a single professional corporation for all medical faculty should not be entirely abandoned, primary emphasis in further study should be directed towards the development of a decentralized, institutionally-administered Plan.

- (2) Determination of individual income. Under all practice plans the institutions provide each faculty member with a fixed base salary from institutional funds for his or her instructional services. What remains to be determined then is the amount of supplemental fee-generated income to be provided.

In the cases where a separate entity exists, often a second guaranteed salary -- set at some percentage of the institutional base salary -- is provided the physician. He or she is then also entitled to a certain percentage of the net fee income -- after expenses -- generated from his or her practice. The remainder returns to various elements within the university.

A decentralized, institutionally-administered Plan would provide for the assessment against privately-collected fee income, either by a flat percentage of the total or by progressive rates. This may or may not set some limit on total income or total time spent in the treatment of patients.

Our preliminary judgment is that the most equitable Plan -- given the decentralized, institutionally-administered organizational form -- would be one that assesses at progressive rates against a physician's total fee collections. This would place less of a burden on those clinical faculty members who devote less of their time to fee-generating activities or who practice in specialties with less income potential, while at the same time not dampen any faculty member's incentive to generate income. It would reduce the great disparity between the incomes of various members of the clinical faculty, without also attempting to equalize total compensation.

- (3) Malpractice Liability Insurance. The costs of such protection will also vary greatly by physician specialty. Private practice corporations treat this as a direct cost and it is generally subtracted from gross fee generated income prior to any further distribution. In institutionally-administered plans, these costs may or may not be subtracted prior to further distribution.
- (4) Confidentiality of records. Plans administered by private practice corporations may or may not be required to disclose the details of their financial transactions -- fees, salaries, incentive earnings, etc. While most private corporations cannot be required to make public disclosure in these matters, the close connection between a practice organization and the public institution, and the use of public-owned facilities, might compel this under current Ohio law.

If a plan is institutionally-administered, it would appear that Ohio law requires that all such data be matters of public record.

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (5) Determination of Direct and Indirect Costs. One of the problems to be solved in the O.S.U. FY 1978-1979 budget cycle -- regardless of the form of Practice Plan adopted -- is a more precise determination of those direct and indirect costs associated with fee-generating patient treatment. The Office of Budget and Resources Planning should assign one or more analysts to work with the College of Medicine fiscal personnel to arrive at these costs. This preliminary analysis should begin at once.
- (6) Compensation for Resident Staff. As part of the development of a Practice Plan, a more definitive policy regarding the source of support for the compensation of house officers should be prepared and put into effect.
- (7) Distribution of Funds for College Improvement. It is clear that some departments have far greater potential to generate fee income than do others. As was pointed out in the 1973 accreditation study cited at pages 5-6 of this Report, this creates a substantial danger of "uncontrolled growth of high - vs. - low earning departments." This study also warned that "the emphasis on earning from practice can also jeopardize teaching and research development."

Accordingly, we believe that through whatever method funds are returned from practice income to the College of Medicine, such funds should be centrally administered by the Dean of the College to ensure that the best interests of the College as a whole -- in the fulfillment of its teaching and research missions as well as its patient care mission -- are advanced.

IV. Recommendations

- (1) That the University Trustees and administration develop a draft Practice Plan to be used as a basis for consultation with the medical faculty. For many reasons it is apparent that the medical faculty is not likely to develop an acceptable Practice Plan on its own initiative. The lengthy history of desultory deliberations on this matter demonstrates this fact. Moreover, the fiscal and operational issues involved are extremely complex. The Trustees and administration should therefore proceed on this matter expeditiously.
- (2) That the President appoint an administrative "team" to assume staff responsibility for this matter, with a deadline for producing a working draft Practice Plan of January 1, 1978. Such a "team" might include a Trustee, a representative of the Office of the President, a representative of the Office of Academic Affairs, and a representative of the Office of Budget and Resources Planning.
- (3) That the President contract with such consultant or group of consultants as he may deem necessary to prepare this draft Practice Plan.

September 9, 1977 meeting, Board of Trustees

PRELIMINARY REPORT AND RECOMMENDATIONS REGARDING A PRACTICE PLAN FOR THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE (contd)

- (4) That a Practice Plan be adopted and put into effect during the fiscal year which begins July 1, 1978, but only after full and open consultation with the medical faculty. There is a widespread view -- particularly among the medical faculty itself -- that further delay in the implementation of a Practice Plan not only will serve no useful purpose, but may in fact be disruptive of working relationships within the College of Medicine and University Hospitals. Accordingly, the timetable for the development and implementation of such a Practice Plan should be accelerated.

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PRACTICE PLAN FOR THE COLLEGE OF MEDICINE

Statement by Mr. John Gushman, Chairman of the Board of Trustees,
The Ohio State University

At the President's suggestion, Dr. Sirak and I spent a day with him in Washington recently to learn more about Practice Plans. We met and had very useful discussions with Dr. John Cooper, President of the Association of American Medical Colleges and Dr. Ronald Kaufman, Vice President for Medical Affairs at George Washington University. What we learned there served to strongly confirm our view that a Practice Plan for our College of Medicine is badly needed and long overdue. Other major medical centers have Practice Plans, and we need to get on with the job of developing one for Ohio State.

I have also reviewed the report that has been prepared by Mr. Collier and our staff concerning this matter, and I could not agree with the President more. I believe that a copy of this report should be sent to the members of the medical faculty. Years of deliberations have produced absolutely nothing, and unless we take responsibility to act ourselves, the future holds no promise that anything will ever be accomplished.

I do not believe that any further Board action is required at this time to implement the actions you have outlined, but I believe that I speak for my colleagues when I state that you and your staff continue to have our full support on this matter. We look forward to your future reports as to the progress of our work on this problem, and will be prepared to take action at such time as it is called for.

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REPORT ON ENROLLMENT

Statement by President Enarson

We are all set to begin another Autumn Quarter on September 20 and I thought the members of the Board would be interested in knowing where we are on enrollment, as well as what other preparations we have made for the new academic year.

September 9, 1977 meeting, Board of Trustees

REPORT ON ENROLLMENT (contd)

Statement by President Enarson (contd)

An analysis of available data suggests that total University enrollments for Autumn, 1977, should be approximately the same as Autumn, 1976. There may be some increases in graduate and professional students and a small decrease in total undergraduate students, primarily because retention rates for undergraduates appeared to decrease during the 1976-77 academic year.

For the Columbus campus, it now appears that about 7,300 new first quarter freshmen will be enrolled, an increase of 400 over Autumn, 1976. Also a total of 900 freshmen and sophomore transfers are expected, up over 200 from Autumn, 1976. Junior and senior transfers should be up 300 from our Autumn, 1976 figure.

The retention rate of students previously enrolled in 1976-77 will, of course, affect the total number of students on campus this coming year. We do not yet know if the 1976-77 decrease in retention will continue in 1977-78.

A great deal of effort has been made by various offices on campus to minimize problems associated with the opening of a new academic year. Our Residence and Dining Halls, University College, University Public Safety, Registration Services and Treasurer's Office staffs, as well as other student services areas, have worked closely in this effort.

It now appears that our dormitories will be full, with move-in day scheduled for September 16. We will have extended hours at the various student service areas during this peak period. Efforts have been concentrated on reducing potential lines in these areas of Lincoln Tower; if students do stand in line, which we have made every effort to avoid, they will be able to watch silent movies while they wait.

On Sunday, September 18, a 'Welcome Day '77' for new students has been scheduled to assist faculty, staff and new students to get to know one another. There will be everything from volleyball, football, frisbee, ice cream sundaes, musical entertainment, information booths and displays, to roving artists and a showing of 'My Little Chickadee.'

We also have under way physical modifications that are designed to improve the traffic flow in critical areas at two intersections on campus. We anticipate the completion of these two improvements -- which are at 12th and Neil Avenues and Cannon Drive at Stadium Drive -- in time to accommodate the heavy traffic associated with the opening of school. Also we will be opening a new parking ramp on 11th Avenue.

All in all, it looks like we are well prepared and ready for the students.

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September 9, 1977 meeting, Board of Trustees

**COMMENTS - DANA LEE, PRESIDENT OF THE UNDERGRADUATE
STUDENT GOVERNMENT**

Dana Lee, President of the Undergraduate Student Government, reported that a letter had been sent to the Trustees explaining the Undergraduate Student Government's policy for the coming year in which he expressed a desire to work with the administration and faculty. He invited the Trustees and their families to attend "Welcome Day '77."

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Thereupon the Board adjourned to meet Friday, October 7, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 7, 1977

The Board of Trustees met at its regular monthly meeting on Friday, October 7, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, and Donald J. Hilliker.

* * *

Minutes of the last meeting were approved.

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October 7, 1977 meeting, Board of Trustees

RESOLUTION IN MEMORIAM

Resolution No. 78-30

Synopsis: Resolution honoring the service of one of this University's faculty members who has recently died.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Dorothy G. Permar

The Board of Trustees of The Ohio State University expresses its sorrow at the death on September 10, 1977, of Dorothy G. Permar, Professor Emeritus of Oral Biology in the College of Dentistry.

Miss Permar received her M.S. degree from Michigan State University in 1927, where she served as a Graduate Assistant in Zoology until 1929. She then became a Fellow in Genetics at the University of Wisconsin. In 1930, she was an Instructor in Biology at Wilson College. In 1940, she became a Research Assistant at the College of Dentistry of The Ohio State University where she joined the faculty as an Instructor in 1943. Miss Permar became a Professor in 1967 and retired on June 30, 1973.

Miss Permar was a distinguished teacher and the author of several books in the field of dentistry. She was a member of Sigma Xi, Sigma Alpha, Omicron Kappa Upsilon, and Sigma Delta Epsilon.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

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October 7, 1977 meeting, Board of Trustees

BUDGET SUMMARY (LAST FISCAL QUARTER, 1977)

Resolution No. 78-31

Synopsis: The fourth quarter summary report of the current funds budget is presented for review.

WHEREAS the fourth quarter report of the current funds budget for the fiscal year ending June 30, 1977 is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income do not represent significant changes from those presented for the third quarter; i.e. the income varies from the third quarter estimates by 0.8% and the budget expenditure figures by 0.5% from the third quarter budget; and

WHEREAS for the Columbus campus the variations were 0.8% and 0.6% for income and budget expenditures, respectively; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to normal cash flow fluctuations, capital expenditure replacements, and need for working capital in our earnings operations, was 1.4%:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter for the fiscal year ending June 30, 1977, be accepted.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**MOTOR VEHICLE, TRAFFIC, AND PARKING REGULATIONS
OF THE OHIO STATE UNIVERSITY**

Resolution No. 78-32

Synopsis: Modification of Motor Vehicle, Traffic and Parking Regulations of The Ohio State University is being proposed.

WHEREAS on September 6, 1974, at the request of the University's Administration, this Board established the "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University"; and

THE OHIO STATE UNIVERSITY
Current Funds Budget
Actual Expenditures/Budgets
1976-77

	Estimated* 1976-77	Actual* 1976-77
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$126,296	\$124,655
Libraries	6,578	6,662
Other Academic Support	2,092	1,996
Sponsored Programs Administration	1,945	1,946
Student Services	6,319	6,624
Plant Operation and Maintenance	20,131	20,532
Institutional Support	17,091	16,595
Total Instruction and General	\$180,452	\$179,010
Research		
Research Foundation	\$ 18,956	\$ 19,377
Engineering Experiment Station	2,111	2,578
University Sponsored Programs	739	867
Other	2,377	2,101
Total Research	\$ 24,183	\$ 24,923
Public Service		
University Hospitals	\$ 68,858	\$ 69,176
Cooperative Extension Service	16,341	16,699
Other	13,654	13,150
University Sponsored Programs	2,393	2,531
Conferences	1,700	1,907
Total Public Service	\$102,946	\$103,463
Scholarships and Fellowships	\$ 5,397	\$ 5,225

*Figures in thousands.

October 7, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Current Funds Budget
Actual Expenditures/Budgets
1976-77

October 7, 1977 meeting, Board of Trustees

	Estimated* 1976-77	Actual* 1976-77
Auxiliaries		
Student Housing	\$ 16,920	\$ 17,164
Intercollegiate Athletics	6,824	6,972
University Bookstores	4,023	4,443
Student Health Service	2,038	2,053
Student Unions	2,068	2,018
Parking Facilities	1,803	1,363
University Airport	1,608	1,268
Fawcett Center for Tomorrow	1,196	1,189
Other	757	682
Total Auxiliaries	\$ 37,237	\$ 37,152
Total Columbus Campus	\$350,215	\$349,773
Regional Campuses		
Administration	\$ 160	\$ 132
Lima Campus	1,978	1,908
Mansfield Campus	2,028	1,977
Marion Campus	1,218	1,250
Newark Campus	1,810	1,727
Agricultural Technical Institute	1,816	1,913
Wright Patterson Graduate Center	210	191
Total Regional Campuses	\$ 9,220	\$ 9,099
Non-Current Expenditures	-0-	2,502
Grand Total	\$359,435	\$361,374

* Figures in thousands.

THE OHIO STATE UNIVERSITY
Current Funds Budget
Actual Income in Support of
Expenditures/Budgets
1976-77

October 7, 1977 meeting, Board of Trustees

	Estimated* 1976-77	Actual* 1976-77
Columbus Campus		
Government Appropriations		
State of Ohio	\$120,050	\$120,576
Federal	44,759	44,061
County	3,887	4,292
Subtotal	\$168,696	\$168,929
Student Fees		
Instructional and General	\$ 48,715	\$ 48,929
Room and Board	13,880	13,850
Other	1,910	2,142
Subtotal	\$ 64,505	\$ 64,921
Other Income		
Auxiliary Sales and Charges	\$ 88,445	\$ 88,503
Departmental and University Services	15,914	16,783
Endowment Income	2,759	2,902
Gifts and Grants	10,900	12,013
Temporary Investments	2,000	2,080
Subtotal	\$120,018	\$122,281
Total Columbus Campus	\$353,219	\$356,131

*Figures in thousands.

THE OHIO STATE UNIVERSITY
Current Funds Budget
Actual Income in Support of
Expenditures/Budgets
1976-77

October 7, 1977 meeting, Board of Trustees

	Estimated*	Actual*
	1976-77	1976-77
Regional Campuses		
Lima Campus	\$ 2,278	\$ 2,193
Mansfield Campus	2,368	2,285
Marion Campus	1,398	1,478
Newark Campus	2,069	2,035
Agricultural Technical Institute	2,088	2,136
Wright Patterson Graduate Center	210	141
Total Regional Campuses	\$ 10,411	\$ 10,268
Grand Total	\$363,630	\$366,399

*Figures in thousands.

October 7, 1977 meeting, Board of Trustees

**MOTOR VEHICLE, TRAFFIC, AND PARKING REGULATIONS
OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS, the Board is now being requested to approve additional revisions in the "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University" relating to traffic and parking regulations on the campus and a modified schedule of assessments for parking infractions and the appeals procedures for persons in violation of the parking and traffic regulations:

NOW THEREFORE

BE IT RESOLVED, That the new code of "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University" be approved by the Board of Trustees.

Upon motion of Mrs. James, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 78-33

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the September 9, 1977 meeting of the Board, including the following Retirement, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

Upon motion by Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Retirement

EDWARD C. MC DONAGH, Dean of the College of Social and Behavioral Sciences, has indicated his intention to retire from the University at the end of this academic year.

October 7, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: RICHARD TALBOT STOUT
Title: Kiplinger Visiting Professor
School: Journalism
Effective: October 1, 1977
Salary: \$22,500.00 (October 1, 1977 through June 30, 1978)
Present Position: Freelance writer, editor, political consultant

Name: ALBERT SHAPERO
Title: Professor (William H. Davis Professorship)
Department: Management Sciences
Effective: October 1, 1978
Salary: \$36,000.00 (Three quarters service)
Present Position: Professor of Management, University of Texas at Austin

Leaves of Absence Without Salary

ROBERT L. CHAZAN, Professor, Department of History, effective January 1, 1978 through September 30, 1978, to serve as a Fellow of the Institute for Advanced Study.

OSCAR RONALD DATHORNE, Professor, Departments of English and Black Studies, effective October 1, 1977 through September 30, 1978, to do further research on his book, *Dark Ancestor*.

WILLIAM MOLNAR, Professor, Department of Radiology, effective January 1, 1978 through February 28, 1978, for personal reasons.

CHARLES A. MOORE, JR., Professor, Department of Civil Engineering, effective October 1, 1977 through September 30, 1978, to serve as Visiting Professor at Cornell University.

ROBERT L. NORDSTROM, Professor, College of Law, effective October 1, 1977 through September 30, 1978, to work with a law firm.

E. PAUL TAIGANIDES, Professor, Department of Agricultural Engineering, effective July 1, 1977 through December 31, 1977, to manage a research project.

HERBERT F. WEISBERG, Professor, Department of Political Science, effective January 1, 1978 through March 31, 1978, to accept a Visiting Professorship at the University of California at Irvine.

THOMAS G. DELUTIS, Associate Professor, Department of Computer and Information Science, effective October 1, 1977 through September 30, 1978, to work with Boeing Computing Service and System Research Corporation.

October 7, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

ALAN M. HAUSMAN, Associate Professor, Department of Philosophy, effective October 1, 1977 through September 30, 1978, to serve as Visiting Associate Professor at Denison University.

TOD F. STUESSY, Associate Professor, Department of Botany, effective October 1, 1977, through September 30, 1978, to serve as Associate Program Director for Systematic Biology, National Science Foundation, Washington, D. C.

FRANK W. BRUMFIELD, Assistant Professor, College of Dentistry - Periodontics, effective July 23, 1977 through August 7, 1977, to fulfill military obligations.

ROBERT A. BURNS, Assistant Professor, College of Dentistry - Oral Pathology, effective July 23, 1977 through August 7, 1977, to fulfill military obligations.

WILLIAM S. DANCEY, Assistant Professor, Department of Anthropology, effective October 1, 1977 through September 30, 1978, to serve as a Research Associate at the University of Washington Public Archaeology.

A. M. JAKOVLJEVIC, Assistant Professor, School of Music, effective October 1, 1977 through December 31, 1977, for personal reasons.

MILAP C. NAHATA, Assistant Professor, College of Pharmacy, effective November 14, 1977 through December 13, 1977, for personal reasons.

J. T. STEVENS, Assistant Professor, Newark Campus, effective October 1, 1977 through September 30, 1978, to engage in a program of professional improvement.

Professional Improvement Leaves

NATHAN S. FECHHEIMER, Professor, Department of Dairy Science, effective October 1, 1977 through March 31, 1978.

GEORGE L. STABY, Professor, Department of Horticulture, effective October 15, 1977 through April 15, 1978.

Emeritus Titles

QUENTIN VAN WINKLE, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1977.

GEORGE E. MAC WOOD, Department of Chemistry, with the title Associate Professor Emeritus, effective September 1, 1977.

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October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-34

Synopsis: The report on contracts, grants, and gifts and the summary for August is presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration and The Ohio State University Development Fund during the month of August, 1977, be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION SUMMARY OF ACTIVITIES - FY 1977

Dr. Kuhn reported a total income of \$28.2 million resulted from 595 contract and grant awards made to the Research Foundation during FY 1976-77. This record income of about \$4 million is 16.5 percent ahead of the income realized from 527 awards in FY 1975-76, and \$2.5 million ahead of income realized from 573 awards in FY 1974-75.

Analysis of awards by sponsor agencies reveals that about 68 percent of the \$4 million increase is the result of 12.5 percent increase in awards from federal agencies. Notable for their contribution to the total federal increase are the National Science Foundation and Department of Defense which together provided \$2.5 million more to OSU than they awarded in FY 1975-76. Awards from non-federal sponsors increased about \$1.3 million or approximately 49 percent when compared by 1975-76.

Two important trends continue to affect data on federal awards. One is the leveling out of support from DHEW, the largest federal sponsor of research and related activities at OSU. The other is continuing growth in support from DOD and record levels of awards from NSF.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR AUGUST, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	15	\$2,254,088.00
The Ohio State University Research Foundation	61	2,249,408.00
The Engineering Experiment Station	1	6,730.00
		\$4,510,226.00
The Ohio State University Development Fund	3,827 Donors	\$ 641,424.89
Establishment of Named Funds		
Dorothy M. Bennett and Clark L. Bennett Medical Research Fund (College of Medicine)		\$411,441.00
The William Henry Watson, Jr., Memorial Endowment Fund (University College)		3,000.00

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$1,681,875.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for eligible demolition, design, construction, and fixed equipment for a Cancer Center Laboratory Building located on the campus of The Ohio State University, College of Medicine - Comprehensive Cancer Center, effective September, 1977. (Grant No. 1 C06 CA 21739-01)

\$174,549.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Occupational and Adult Education Branch, Washington, D. C., for Trial Implementation of a Model System to Provide Military Curriculum Materials for Use in Vocational and Technical Education, The Center for Vocational Education, August 15, 1977 through August 14, 1978. (Contract No. 300770329)

\$121,628.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., for Relating the Capabilities of the Handicapped to the Human Attribute Requirements of Jobs, The Center for Vocational Education, July 1, 1976 through June 30, 1978. (Grant No. G007603970)

\$94,853.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., National Rural Career Guidance Communications Network, The Center for Vocational Education, September 1, 1977 through November 30, 1978. (Grant No. G007702133)

\$85,624.00 - United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., for Law Enforcement Education Program, Student Financial Aids, August 1, 1977 through July 31, 1978. (Grant No. 77-LP-05-0124)

\$10,000.00 - National Endowment for the Arts, Washington, D. C., for purchase of two or more works of American artists, College of The Arts, July 1, 1977 through June 30, 1978. (Grant No. R70-20-371)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$2,168,529.00

State of Ohio Contracts/Grants

\$20,000.00 - Ohio Historical Society, Historic Preservation Office, Columbus, Ohio, for the Historical Preservation Regional Center (Ashland, Wayne and Knox Counties), Mansfield Regional Campus, July 1, 1977 through June 30, 1978.

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$1,500.00 - State of Ohio, Board of Regents, Columbus, Ohio, for Training Trainers: An Interpretation of the Findings of The Citizens' Committee for Human Services, Office of Educational Services, Division of Continuing Education, effective October 29, 1976. (Project No. 77-944-011)

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$21,500.00**

Industrial and Other Contracts/Grants

\$21,000.00 - Licking County Welfare Department, Newark, Ohio, for providing 955 additional instructional visits, Newark Regional Campus, June 30, 1977 through June 29, 1978. (No. 45 76 0532, Amendment No. 3)

\$19,414.00 - Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, for conducting courses for 17 enrollees during two quarters and coordinating instructional program of same, College of Education, April 4, 1977 through September 1, 1977. (City of Columbus/CMACAO Contract No. 305163)

\$9,119.00 - University of Massachusetts, Institute for Governmental Services, Amherst, Massachusetts, for Ninth Grade Exploratory Clusters Program, The Center for Vocational Education, December 3, 1976 through August 31, 1977.

\$5,000.00 - State of Illinois, Board of Education, Office of Education, Springfield, Illinois, for developing and printing 400 copies of a Career Education Resource Publication, The Center for Vocational Education, June 1, 1977 through September 30, 1977.

\$4,526.00 - State of Illinois, Board of Education, Office of Education, Springfield, Illinois, for developing and printing 400 copies of a Career Education Resources Utilization Publication, The Center for Vocational Education, June 1, 1977 through September 30, 1977.

\$3,750.00 - World Health Organization, Avenue Appia - 1211 Geneve 27, Switzerland, for support of WHO Collaborating Centre on Biological Control of Vectors of Human Disease, Department of Entomology, for the year 1977.

\$1,250.00 - World Health Organization, Avenue Appia - 1211 Geneve 27, Switzerland, for computerization of records and accessions of biological control of agents of arthropods, Department of Entomology, for the year 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$64,059.00**

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$174,900.00 - National Science Foundation, Washington, D. C., Evaluation and Testing of NSF-RANN Sponsored Land Use Modeling Projects with Ohio as a Test Case, Department of City and Regional Planning, 15 August 1977 through 30 November 1978. (Project 710680 - New)

\$153,850.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Vocational Education Personnel Development Program, Academic Faculty of Vocational-Technical Education, 1 August 1977 through 31 August 1978. (Project 710662 - New)

\$150,000.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing, 1 August 1977 through 31 July 1978. (Project 710647 - New)

\$95,000.00 - Environmental Protection Agency, Washington, D. C., Application of Fourier Transform Spectroscopy to Air Pollution Problems, Department of Physics, 15 July 1977 through 14 July 1978. (Project 710604 - Modification No. 3)

\$85,000.00 - National Science Foundation, Washington, D. C., Flavonoid Studies of North American Species of the Genus *Coreopsis*, Department of Botany, 1 August 1977 through 31 July 1979. (Project 710633 - New)

\$83,399.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Serous Otitis Media: Immunochemical and Electron Microscopic Investigation, Department of Otolaryngology, 1 September 1977 through 31 August 1978. (Project 710648 - Extension No. 7)

\$83,211.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Clinical-Pathologic Studies of Sudden Cardiac Death, Department of Preventive Medicine, 30 June 1977 through 29 June 1978. (Project 710541 - Extension No. 2)

\$80,477.00 - National Aeronautics and Space Administration, Washington, D. C., Training Grant for Support of Specialized Post M.D. Training in Aerospace Medicine, Department of Preventive Medicine, 1 September 1977 through 31 August 1978. (Project 710663 - New)

\$78,400.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics, 1 October 1975 through 30 September 1978. (Project 784315 - Letter dated 29 July 1977)

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$66,103.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover, Department of Physiological Chemistry, 1 August 1977 through 31 July 1978. (Project 710645 - Extension No. 4)

\$59,400.00 - Department of the Navy, Naval Weapons Center, China Lake, California, Extension of Mathematical Model for Determining Near Zone Backscattered Fields from a Ship and Ocean Surface, ElectroScience Laboratory, Department of Electrical Engineering, 15 August 1977 through 18 May 1978. (Project 710660 - New)

\$53,412.00 - Department of Health, Education, and Welfare, Office of Human Development, Public Services Administration, Region V Office, Chicago, Illinois, Short Term Child Welfare Training Project, College of Social Work, 1 July 1977 through 30 June 1978. (Project 710658 - New)

\$50,965.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710661 - Extension No. 2)

\$50,500.00 - National Science Foundation, Washington, D. C., Measurement of Shape in Geography and Cartography, Department of Geography, 1 July 1977 through 30 September 1978. (Project 710642 - New)

\$49,744.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Extrapyrmidal Systems, Department of Anatomy, 1 September 1977 through 31 August 1978. (Project 710687 - Extension No. 9)

\$47,915.00 - Environmental Protection Agency, Washington, D. C., Influence of Metallurgical and Operating Variables on Scaling and Corrosion in Water Reuse, Recycling, and Treatment Systems in Integrated Steel Plants, Department of Metallurgical Engineering, 5 September 1977 through 4 September 1978. (Project 710688 - New)

\$45,522.00 - Department of Health, Education, and Welfare, Office of Human Development, Public Services Administration, Region V Office, Chicago, Illinois, Comprehensive Social Work Education for the Field of Child Welfare, College of Social Work, 1 July 1977 through 30 June 1978. (Project 710659 - New)

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$44,800.00 - National Science Foundation, Washington, D. C., The Local Theory of Banach Spaces, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710637 - New)

\$44,000.00 - National Science Foundation, Washington, D. C., Crystalline Field Ordering, Quantum Diffusion, and Heat Pulse Propagation in Solid Hydrogen, Department of Physics, 1 July 1976 through 30 June 1978. (Project 784462 - Sponsor letter dated 26 July 1977)

\$43,370.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Rotor Flow Field Research in Low Speed Helicopter Flight, Department of Mechanical Engineering. (Project 784461 - Letter dated 9 May 1977)

\$39,705.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Fellowships, Graduate School, 1 July 1977 through 30 June 1978. (Project 710579 - New)

\$39,200.00 - National Science Foundation, Washington, D. C., The Effect of Weak Coriolis Forces in the Flow of a Stratified Fluid, Department of Aeronautical and Astronautical Engineering, 15 July 1977 through 31 July 1979. (Project 710640 - New)

\$38,527.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology, 1 September 1977 through 31 August 1978. (Project 710667 - New)

\$37,506.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Monte Carlo Calculations of Polypeptide and Nucleic Acid Conformations, Department of Biochemistry, 1 June 1977 through 31 May 1978. (Project 784735 - New)

\$37,500.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784508 - Modification No. P00006)

\$31,884.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemical Applications of Osmium Chemistry, Department of Biochemistry, 1 September 1977 through 31 August 1978. (Project 710681 - Extension No. 3)

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$26,500.00 - Brookhaven National Laboratory, Long Island, New York, Study of Repair Mechanisms in Carcinogenesis, Department of Radiology, 1 July 1975 through 30 June 1978. (Project 784250 - Amendment No. 3)

\$20,000.00 - Energy Research and Development Administration, Washington, D. C., Recovery of Ultrafine Coal Particles by Microflotation, Department of Civil Engineering, 1 August 1977 through 30 September 1978. (Project 710643 - New)

\$17,757.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Tetrahydroisoquinolines and Alcohol Dependence, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710686 - Extension No. 1)

\$16,450.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Early Run Time Estimation, Department of Computer and Information Science, 1 August 1977 through 31 July 1978. (Project 710631 - New)

\$16,300.00 - National Science Foundation, Washington, D. C., The Systematics and Chemistry of the Fish-Poison Containing Plant Genus *Clibadium* (Compositae, Heliantheae), Department of Botany, 15 July 1977 through 31 July 1980. (Project 710607 - New)

\$16,056.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Establish Viral Reagent Testing Laboratory, Department of Medical Microbiology. (Project 784505 - Modification No. 1)

\$14,670.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses Entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services. (Project 784378 - Modification No. P00007)

\$14,537.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Processing Systems from a DBMS and User Perspective, Department of Computer and Information Science, 1 August 1977 through 31 October 1977. (Project 710632 - New)

\$13,700.00 - National Science Foundation, Washington, D. C., The Dedekind Finite Cardinal Hypothesis, Department of Mathematics, 1 July 1977 through 30 June 1979. (Project 710646 - New)

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$13,272.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Department of Preventive Medicine. (Project 710628 - Revision No. 1)

\$13,200.00 - National Science Foundation, Washington, D. C., Approximation Theory and Orthogonal Polynomials, Department of Mathematics, 1 May 1976 through 30 June 1978. (Project 784388 - Letter dated 28 July 1977)

\$12,796.00 - Department of the Army, Buffalo District, Corps of Engineers, Buffalo, New York, Great Lakes Shoreline Damage Survey for the State of Ohio - Phase II, Department of Civil Engineering, 15 December 1976 through 31 December 1977. (Project 710532 - Modification No. P00001)

\$10,000.00 - National Science Foundation, Washington, D. C., Representations by Integral Quadratic Forms, Department of Mathematics, 1 July 1977 through 30 June 1978. (Project 710638 - New)

\$9,900.00 - National Science Foundation, Washington, D. C., Representations of Coalgebras, Department of Mathematics, 1 July 1976 through 30 June 1978. (Project 784471 - Letter dated 25 July 1977)

\$8,392.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions, 1 September 1977 through 31 August 1978. (Project 710649 - New)

\$7,400.00 - Sandia Laboratories, Albuquerque, New Mexico, Investigation of the Thermal-Hydraulic Phenomena of Molten Core Interactions Following a Core Disruptive Accident in Nuclear Power Reactors, Department of Mechanical Engineering, 20 July 1977 through 6 September 1977. (Project 784756 - New)

\$3,900.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Systematic Biology, Department of Botany, 1 July 1977 through 30 June 1979. (Project 710641 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Agricultural Technical Institute (Wooster), University Libraries, 1 October 1977 through 30 September 1978. (Project 710650 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University Libraries, University Libraries, 1 October 1977 through 30 September 1978. (Project 710651 - New)

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710652 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710653 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710654 - New)

\$3,855.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries, 1 October 1977 through 30 September 1978. (Project 710655 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,022,250.00**

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$58,380.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry, 1 July 1977 through 30 June 1978. (Project 710657 - New)

\$53,577.00 - County of Franklin, Department of Welfare, Columbus, Ohio, Day Care Training Institute, Academic Faculty of Early and Middle Childhood Education, 8 July 1977 through 30 September 1977. (Project 710605 - New)

\$41,669.00 - County of Franklin, Department of Welfare, Columbus, Ohio, Needs Assessment Training, Academic Faculty of Early and Middle Childhood Education, 8 July 1977 through 30 September 1977. (Project 710606 - New)

\$23,890.00 - Electric Power Research Institute, Palo Alto, California, Two-Phase Fluid Scanning Gamma-Ray Densitometer, Department of Mechanical Engineering, 1 July 1977 through 31 December 1977. (Project 710639 - New)

\$10,183.00 - University of Colorado, Denver, Colorado, Study of Various Therapeutic Agent Effects on Crohn's Disease, Department of Medicine, 15 May 1972 through 31 December 1977. (Project 783496 - Modification No. 6)

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - The National Foundation March of Dimes, White Plains, New York, Effect of Hypoxia on the Characteristics of an Integrative Neuronal Network in the Developing Brain, Department of Physiology, 1 July 1977 through 30 June 1978. (Project 710564 - Sponsor letter dated 26 July 1977)

\$6,480.00 - The Bexley Public Schools, Bexley, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration, 1 September 1977 through 31 August 1978. (Project 710679 - New)

\$6,000.00 - American Cancer Society-Ohio Division, Cleveland, Ohio, Cyclic Nucleotides in Acute Monocytic Leukemia, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710665 - New)

\$6,000.00 - American Cancer Society-Ohio Division, Cleveland, Ohio, Immunotherapy of Renal Cell Carcinoma, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710666 - New)

\$5,000.00 - George Gund Foundation, Cleveland, Ohio, Educational Program Support of Ohio Quality of Work Project, Academic Faculty of Labor and Human Resources, 1 July 1976 through 31 March 1978. (Project 784527 - Letter dated 19 July 1977)

\$4,979.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine. (Project 783706 - Check received 28 July 1977)

\$1,000.00 - University of Minnesota, St. Paul, Minnesota, Childrens Information Processing of Television Advertising, Department of Communication. (Project 784600 - Sponsor letter dated 11 July 1977)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$227,158.00
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October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Contract

\$6,730.00 - Junior League of Columbus, Ohio, Inc., Columbus, Ohio, for Guidelines for the Aesthetic Enhancement and the Unification of In-Town Residential Neighborhoods with Case Study Applications to the Town/Franklin Area of Columbus, Ohio, Department of Architecture, July 1, 1977 through December 31, 1977. (EES 570)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$68,849.00 from Pfizer, Inc., Groton, Connecticut--\$67,549.00 for the Clinical Pharmacology Fund; \$800.00 for the Pfizer Minority Award in Agriculture; and \$500.00 for the Microbial Genetics Bulletin Fund.

\$32,436.14 from Systems Associates, Columbus, Ohio--\$29,489.40 for the Department of Medicine General Fund and \$2,946.74 for the Cardiology Support Fund.

\$22,664.99 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$22,400.00 from Burroughs Wellcome Co., Research Triangle Park, North Carolina, for the Clinical Pharmacology Fund.

\$20,000.00 from Lybrand Foundation, Columbus, Ohio, for the Coopers and Lybrand Accounting Fund.

\$19,700.00 from The Peat, Marwick, Mitchell Foundation, New York, New York, for the Peat, Marwick, Mitchell & Company Fund in Accounting.

\$14,000.00 from Nephrology Associates, Columbus, Ohio, for Renal Disease Research.

\$12,250.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in Medicine.

\$10,000.00 from W. Stephen Nichols, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 from Robert V. O'Toole, M.D., Worthington, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$8,400.00 from INCO, Limited, New York, New York, for the International Nickel Company Fellowship Fund.

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$8,020.00 from Harley E. Rouda & Co. (given in the name of George W. Smith), Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$7,325.05 from Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$6,000.00 from The Lubrizol Foundation, Cleveland, Ohio--\$2,000.00 for the Lubrizol Foundation Fellowship Fund for Chemistry; \$2,000.00 for the Lubrizol Foundation Fellowship Fund for Chemical Engineering; \$1,000.00 for the Lubrizol Foundation Scholarship Fund for the Department of Mechanical Engineering; \$500.00 for the Lubrizol Foundation Scholarship Fund for the Department of Mathematics; and \$500.00 for the Lubrizol Foundation Scholarship Fund for the Academic Faculty of Accounting.

\$6,000.00 from Michael Van Aman, Columbus, Ohio, for the Department of Radiology Development Fund.

\$5,586.92 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates, M.D.), Columbus, Ohio, for the Eye Bank Fund.

\$5,000.00 from City National Bank & Trust Company, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for the Infectious Disease Research Fund.

\$5,000.00 from Phi Beta Psi Sorority, Greenwood, Indiana, for the Cancer Research Fund.

\$5,000.00 from Rohm and Haas Company, Philadelphia, Pennsylvania, for the Rohm and Haas Company Fund in Chemistry.

Establishment of Named Funds

Dorothy M. Bennett and Clark L. Bennett Medical Research Fund

The Dorothy M. Bennett and Clark L. Bennett Medical Research Fund was established October 7, 1977, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Dorothy Morris Bennett of Lima, Ohio.

October 7, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dorothy M. Bennett and Clark L. Bennett Medical Research Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships limited to students specializing and showing aptitude and desire in the field of medical research in The Ohio State University College of Medicine. The selection of the recipients is to be made upon the recommendation of the Dean of the College of Medicine.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

The William Henry Watson, Jr., Memorial Endowment Fund

The William Henry Watson, Jr., Memorial Endowment Fund was established October 7, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, and colleagues in memory of the late William Henry Watson, Jr. Dr. Watson served as Associate Dean of University College and was instrumental in establishing the Developmental Education Program and services for students.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to recognize individuals who embody the ideals and personal qualities of Dr. William Henry Watson, Jr.--persons who are academic leaders who give inspiration to the ideals of human dignity, and whose actions exhibit a strong commitment to the development of professional competency and to the equality of opportunity for all.

All requisitions for funds for the awards will be approved by the Dean of University College, based upon the recommendations from the Committee on Developmental Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of University College.

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October 7, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 78-35

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following project are presented for approval.

GOLF COURSE, REPLACEMENT OF PEDESTRIAN BRIDGE

Project: Replacement of pedestrian bridge at the No. 6 Scarlet tee and No. 7 Gray tee. The existing bridge has deteriorated and investigations indicate it would not be practical to repair.

Funding: Budget Account 316550 (Athletic Department Funds)

Estimated Project Cost: \$45,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 78-36

Synopsis: Contracts have been awarded for two projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures for each of the following projects:

October 7, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

PARKING LOT EXPANSION, VIVIAN HALL AND SISSON HALL

Description: Expansion of parking lot at Vivian Hall by the addition of approximately 142 spaces, and the expansion of the parking lot at Sisson Hall by the addition of approximately 200 spaces.

General Contract

Date Received:	September 20, 1977
No. of Bids:	6
Low Bid:	\$146,150.00
High Bid:	\$193,500.00
Estimate of Cost:	\$147,000.00
Awarded to:	Baker Construction Company (Columbus, Ohio)

Electrical Contract

Date Received:	September 20, 1977
No. of Bids:	1
Low Bid:	\$ 23,910.00
Estimate of Cost:	\$ 25,500.00
Awarded to:	Electric Power Equipment (Columbus, Ohio)
Total All Contracts:	\$170,060.00
Total Contingency Allowance:	\$ 10,000.00 which is 6 percent of construction cost
Total Project Cost:	\$190,308.00
Funding:	Parking Income Account, Budget Account 016007

October 7, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

VIVIAN HALL, REPLACE PASSENGER ELEVATOR

Description: Replace obsolete passenger elevator.

General Contract

Date Received:	August 12, 1977
No. of Bids:	2
Low Bid:	\$49,850.00*
High Bid:	\$55,700.00
Estimate of Cost:	\$70,000.00
Awarded to:	Haughton Elevator Company (Columbus, Ohio)
Total Contract:	\$49,850.00

*Recommended Alternate reflected in this figure.

Total Contingency Allowance:	\$ 3,000.00 which is 6 percent of construction cost
Total Project Cost:	\$54,847.00
Funding:	Budget Account 210134-000 Contract Repair 77-78

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are hereby reported.

Upon motion of Mrs. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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October 7, 1977 meeting, Board of Trustees

CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC

Resolution No. 78-37

Synopsis: Development of proposal for constructing a facility to house a Veterans Administration Clinic is being recommended.

WHEREAS the Veterans Administration has indicated their intention to relocate their clinic services currently located in campus facilities to a separate location which will enable them to combine all their clinics in Franklin County; and

WHEREAS the Veterans Administration has solicited this University's interest in providing a 60,000 gross square feet facility in support of this activity; and

WHEREAS such an association is of direct benefit to this University's programs in the medical sciences; and

WHEREAS this University has indicated an interest in accommodating this facility's requirement through construction of a building which would be leased to the Veterans Administration:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to develop and bring to this Board, after full consideration by the Fiscal Affairs Committee and Educational Affairs Committee, a funding program for the development and maintenance of a University facility which could be leased on a long-term basis to the Veterans Administration in support of the Veterans Administration clinical activities in this area.

Upon motion of Dr. Sirak, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - FISCAL AFFAIRS COMMITTEE

Resolution No. 78-38

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth.

Investment of \$6,000,000 in an Index Fund established through City National Bank of Columbus, Ohio

Appointment of The Chicago Corporation to counsel in the investment of \$12,000,000

October 7, 1977 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

Investment of \$5,000,000 with Neuberger & Berman in the following mutual funds:

\$2,000,000 Energy Fund
\$2,000,000 Guardian Mutual Fund
\$1,000,000 Partners Fund

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-39

RESOLVED, That the report on the University's Investment Portfolio dated October 6, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, November 4, 1977, at The Ohio State University - College of Medicine, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 4, 1977

The Board of Trustees met at its regular monthly meeting on Friday, November 4, 1977, at The Ohio State University, College of Medicine Administration Center, 370 West Ninth Avenue, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

November 4, 1977 meeting, Board of Trustees

THANKS EXPRESSED BY MR. GUSHMAN

Mr. Gushman noted that the meeting was being held in the College of Medicine Administration Center and expressed thanks to the College of Medicine personnel and the Department of Physical Facilities for the tour of new construction in process in the medical area. Mr. Gushman said "It is a substantial investment for this University, and I know the rest of the Trustees join with me in thanking all of those who made it possible for us to see some of the results of the money we appropriated and we will be glad to see the finished product later."

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-40

Synopsis: Resolutions honoring the service of four of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Edna M. Callahan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 21, 1977, of Edna M. Callahan, Professor Emeritus in the Cooperative Extension Service.

Miss Callahan was born in Columbus, Ohio, on November 18, 1893. She attended East High School in Columbus and graduated in 1912. Following high school she attended The Ohio State University, graduating with a Bachelor of Science in Home Economics degree in 1917. Graduate work was pursued later at Columbia University and the University of Chicago, where she received her Master's degree in 1926. Additional graduate education was pursued at later dates at The Ohio State University.

Miss Callahan was employed as a home economics teacher in the Columbus City School System from 1917 to 1920. On September 1, 1920, Miss Callahan was employed as a specialist in clothing for the Ohio Cooperative Extension and remained in that position until her retirement on December 31, 1957. Since that time she had continued to make her home in Columbus, always in close association with other members of her family.

Miss Callahan was best known for her writings and teachings related to the 4-H clothing projects. She pioneered the development of 4-H clothing projects in the early years. Her discerning judgment of the clothing needs of girls was always invaluable. She had a rare ability and uncanny knack of translating useful subject matter into a pattern that fits the needs and interests of 4-H members. She was always capable of cooperating wisely with co-workers,

November 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edna M. Callahan (contd)

both in the state office and across the state in county extension positions. She was an excellent teacher and organized her material well. As recognition for her outstanding contributions to educational programs, Miss Callahan received the USDA Superior Service Award in 1953.

On behalf of the University Community, the Board of Trustees expresses its deepest sympathy to the family of Miss Callahan. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and copies be tendered to the family of Miss Callahan as sincere appreciation for the life she lived and the realization of the loss to her family, friends, associates, and The Ohio State University.

George Remington Havens

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 28, 1977, of George Remington Havens, Professor Emeritus of Romance Languages. Professor Havens retired on June 30, 1961, following 42 years of distinguished service to the University.

Born in 1890, Professor Havens received his Bachelor of Arts degree from Amherst College in 1913 and his Doctor of Philosophy degree from Johns Hopkins University in 1917. During World War I he served in the American Army in France. He joined the faculty of The Ohio State University as Assistant Professor in 1919 and became a Professor in 1921, a post which he held until his retirement.

Professor Havens was one of the most distinguished scholars the Department has ever had. Along with Professor Ira Wade of Princeton and Professor Norman Torrey of Columbia, he was a giant in the field of 18th century French literature, internationally famous through his numerous books and articles. During his sixteen years of retirement he continued his scholarly research as few others have done. At the time of his death he was awaiting the proof of three books, which had already gone through press. His most widely known work, *The Age of Ideas*, is a masterly account of French history and literature of the 18th century.

He was a very fine teacher and an excellent lecturer. The careful and thoughtful training he gave the graduate students who prepared M.A. theses and Ph.D. dissertations under his supervision made him numerous and firm friends among his former students, a number of whom, through his influence and inspiration, become very active in the field.

During his long years of service at Ohio State he was not only a great force in shaping the destinies of the Department but also of the University. As a member of the Library Committee, he was very influential in the building up of the University Library at a time when it was in its very early stages. He was instrumental in establishing the University Press. He was also one of the founders of the Faculty Club. On the national scene he was very active in the Modern Language Association of America.

November 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

George Remington Havens (contd)

On behalf of the University, the Board of Trustees expresses to the family its sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Dr. Wilbur L. Marshall

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 9, 1977, of Dr. Wilbur L. Marshall, Associate Professor Emeritus in the College of Dentistry.

Dr. Marshall attended Notre Dame University and received his D.D.S. degree from The Ohio State University College of Dentistry in 1926. He was appointed Instructor in the College of Dentistry in 1926, Assistant Professor in 1940 and Associate Professor in 1949. He retired June 30, 1967. He also had a private practice in Columbus.

Dr. Marshall was a member of the Columbus Dental Society, the Chicago Dental Society, the Ohio Dental Association and the American Dental Association. He was also a member of Phi Beta Kappa and Omicron Kappa Upsilon a dental honor society.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ralph W. Munger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 26, 1977, of Ralph W. Munger, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Munger was born January 28, 1882, in Xenia, Ohio. He attended Beaver Creek schools in Greene County. He enrolled in the College of Agriculture at The Ohio State University and received his Bachelor of Science in Agriculture degree in 1907. Until 1915 he was engaged in farming. From 1915 to joining the Extension faculty he was in charge of the seed department of the Alpha Grain and Seed Company in Alpha, Ohio. In 1918 he joined the faculty of The Ohio State University as County Agricultural Agent in Shelby County. Graduate education was performed at The Ohio State University, Colorado State College and Oregon State College.

Mr. Munger retired June 30, 1952 culminating over 33 years of dedicated service to the citizens of Shelby County. Throughout his career he was a dedicated and highly respected agricultural leader. He was known and respected by his peers on the Extension faculty

November 4, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ralph W. Munger (contd)

throughout the State. His quiet and effective leadership and contributions to the agriculture interests of Shelby County and the State of Ohio are well remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Munger its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss the family, the University and his many friends and associates have sustained.

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BUDGET SUMMARY (FIRST QUARTER, 1977-78)

Resolution No. 78-41

Synopsis: First Quarter Budget Summary, 1977-78 is presented for review and acceptance.

This Budget Summary for the first quarter, 1977-78 contains revised estimates, primarily for Restricted Funds, of resource and expenditure projections as actual data have become available for the July-September period. No changes to the July 1977 Budget Revision have been made for the core Unrestricted Fund estimates of the Columbus Campus. This summary is characterized by minor changes in the Unrestricted Fund estimates of the Regional Campuses, downward revisions in the Restricted Fund estimates representing expected changes in the volume of grants and contracts to be received, net upward revisions in the auxiliary and earning operations income/expense projections reflecting changes in volume of activity.

WHEREAS the first quarter report of the 1977-78 Current Funds Budget, covering the period July through September 1977, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one-tenth of a percent from the 1977-78 Budget approved by the Board in July, 1977.

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted.

Dr. Vandament reported that his staff is working on a revised format for presenting the budget information in the future, and that he hoped to have a proposed format ready to submit to the chairman in a short time.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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THE OHIO STATE UNIVERSITY
1977-78 Current Funds Budget
Budgeted Expenditures for 1977-78
(In Thousands)

	Budget Approved July 22, 1977	Proposed Revised Budget November 4, 1977
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$133,096	\$132,886
Libraries	7,126	7,355
Other Academic Support	2,330	2,344
Sponsored Programs Administration	2,070	2,070
Student Services	6,841	6,841
Plant Operation	22,368	22,368
Institutional Support	18,126	18,076
Total Instruction and General	\$191,957	\$191,940
Sponsored Research		
Research Foundation	\$ 19,480	\$ 19,480
Engineering Experiment Station	2,433	2,433
University Sponsored Programs	700	700
Other	2,351	2,361
Total Sponsored Research	\$ 24,964	\$ 24,974
Public Service		
University Hospitals	\$ 74,298	\$ 74,248
Cooperative Extension Service	16,950	16,950
University Sponsored Programs	2,353	2,353
Other	14,419	14,257
Conferences	1,760	1,915
Total Public Service	\$109,780	\$109,723
Scholarships and Fellowships	\$ 5,484	\$ 5,408

November 4, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 Current Funds Budget
Budgeted Expenditures for 1977-78
(In Thousands)

November 4, 1977 meeting, Board of Trustees

	Budget Approved July 22, 1977	Proposed Revised Budget November 4, 1977
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 18,040	\$ 17,829
Intercollegiate Athletics	7,271	7,547
University Bookstores	4,263	4,263
Student Health Service	2,246	2,246
Student Unions	2,178	2,210
Parking Facilities	2,046	2,046
University Airport	1,668	1,668
Fawcett Center for Tomorrow	1,329	1,329
Other	937	937
Total Auxiliaries	\$ 39,978	\$ 40,075
Total Columbus Campus	\$372,163	\$372,120
Regional Campuses		
Administration	\$ 168	\$ 168
Lima Campus	2,038	2,086
Mansfield Campus	2,218	2,251
Marion Campus	1,342	1,334
Newark Campus	2,028	2,003
Agricultural Technical Institute	2,200	2,232
Wright Patterson Graduate Center	195	185
Total Regional Campuses	\$ 10,189	\$ 10,259
Grand Total	\$382,352	\$382,379

THE OHIO STATE UNIVERSITY
1977-78 Current Funds Budget
Sources of Income to Support 1977-78 Budgets
(In Thousands)

	Provisional Estimated Income July 22, 1977	Revised Estimated Income November 4, 1977
Columbus Campus		
Government Appropriations		
State of Ohio	\$127,111	\$127,321
Federal	45,326	44,451
County	4,081	4,081
Subtotal	\$176,518	\$175,853
Student Fees		
Instruction and General	\$ 53,625	\$ 53,625
Room and Board	14,775	14,875
Other	1,975	2,173
Subtotal	\$ 70,375	\$ 70,673
Other Income		
Auxiliary Sales and Charges	\$ 94,239	\$ 94,589
Department and University Services	16,887	17,891
Endowment Income	2,886	2,811
Gifts and Grants	11,950	11,410
Temporary Investments	2,100	2,100
Subtotal	\$128,062	\$128,801
Total Columbus Campus	\$374,955	\$375,327

November 4, 1977 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1977-78 Current Funds Budget
Sources of Income to Support 1977-78 Budgets
(In Thousands)

	Provisional Estimated Income July 22, 1977	Revised Estimated Income November 4, 1977
Regional Campuses		
Lima Campus	\$ 2,418	\$ 2,405
Mansfield Campus	2,570	2,548
Marion Campus	1,529	1,514
Newark Campus	2,369	2,358
Agricultural Technical Institute	2,398	2,402
Wright Patterson Graduate Center	195	185
Total Regional Campuses	\$ 11,479	\$ 11,412
Grand Total*	\$385,434	\$386,739
*Difference from Expense in Earnings Operations:		
Capital Reserves	\$ 3,184	\$ 3,184
Use of Balances	\$ (227)	\$ (123)
Increase in Balances	1,125	\$ 1,299
Total	\$ 4,082	\$ 4,360

November 4, 1977 meeting, Board of Trustees

November 4, 1977 meeting, Board of Trustees

HONORARY DEGREES

Resolution No. 78-42

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 29.2727, have approved for recommendation to the Board of Trustees awarding of the honorary degrees as listed below:

M. Milfred Batten
Walter Louis Chambers
Ralph M. Hardgrove

Doctor of Humanities
Doctor of Science
Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES--AUTUMN QUARTER COMMENCEMENT

Resolution No. 78-43

Synopsis: Approval is being requested for awarding degrees and certificates for the December Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees* of The Ohio State University, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit to the University Senate names of persons who have completed degree and certificate requirements, in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

November 4, 1977 meeting, Board of Trustees

DEGREES AND CERTIFICATES--AUTUMN QUARTER COMMENCEMENT (contd)

BE IT RESOLVED, That the degrees and certificates be conferred on December 9, 1977, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Jacob, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 78-44

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Professional Improvement Leave are recommended for approval.

RESOLVED, That personnel actions as recorded in the "Salary Roll" of the University since the October 7, 1977 meeting of the Board, including the following Leaves of Absence Without Salary and Professional Improvement Leave as detailed in the University Budget for 1977-78, be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Leaves of Absence Without Salary

JACK G. CALVERT, Professor, Department of Chemistry, effective October 1, 1977 through December 31, 1977, to accept Guggenheim Fellowship.

RICHARD T. GARNER, Professor, Department of Philosophy, effective January 1, 1978 through March 31, 1978, to pursue work on Chinese Philosophy.

JONATHAN W. GREEN, Associate Professor, Department of Photography and Cinema, effective October 1, 1977 through December 31, 1977, to complete work on a book on contemporary photography.

YAN-SHUAN LAO, Associate Professor, Department of East Asian Languages, effective October 1, 1977 through December 31, 1977, to complete research project on Chinese literature under Mongol rule.

JOHN M. SWARTZ, Associate Professor, Department of Electrical Engineering, effective October 1, 1977 through September 30, 1978, to work in a small business environment, Lake Shore Cryotronics, Inc.

November 4, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

DUN-MOW HONG, Assistant Professor, Department of Economics (Lima Campus), effective October 1, 1977 through September 30, 1978, for personal reasons.

Professional Improvement Leave

JACK G. CALVERT, Professor, Department of Chemistry, effective Winter Quarter, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-45

Synopsis: The report on contracts, grants, and gifts and the summary for September is presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration and The Ohio State University Development Fund during the month of September, 1977, be approved.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR SEPTEMBER, 1977

November 4, 1977 meeting, Board of Trustees

Source	No. of Projects	Support Level
Office of Business and Administration	15	\$3,304,933.00
The Ohio State University Research Foundation	97	3,921,959.20
The Engineering Experiment Station	2	157,204.00
		\$7,384,096.20
The Ohio State University Development Fund	2,443 Donors	\$ 810,430.80

Establishment of Named Funds

The Robert and Helen V. Tait Memorial Scholarship for Legal Education (College of Law)	\$20,000.00
The Arthur L. and Cora S. Evans Scholarship Fund (College of Law)	5,000.00
The Ohio State University School of Nursing Research Fund (School of Nursing)	5,000.00
Wellington F. Roemer and Margaret N. Roemer Fund for Undergraduate Education in Insurance (College of Administrative Science)	5,000.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student Programs	29	\$13,191,835.00	26	\$13,556,492.00	3
Training Grants	132	7,860,843.53	68	4,467,929.13	(43)
Construction Grant			1	1,681,875.00	100
Total Federal	161	\$21,052,678.53	95	\$19,706,276.13	(6)
State of Ohio	45	3,126,211.18	56	3,720,401.67	19
Industrial and Other	86	2,691,392.68	46	477,222.51	(82)
Totals	292	\$26,870,282.39	197	\$23,903,920.31	(11)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Energy Research and Development Administration	12	\$ 994,178.00	11	\$ 761,794.00	(23)
National Aeronautics and Space Administration	18	662,010.00	22	686,978.00	4
National Science Foundation	89	3,357,560.00	96	4,667,457.00	39
Department of Defense	89	3,025,535.00	89	4,144,273.00	37
Health, Education, and Welfare	150	11,058,415.00	140	11,759,037.00	6
Other Federal	42	3,503,596.00	43	3,400,007.00	(3)
Total - Federal	400	\$22,601,294.00	401	\$25,419,546.00	12
State of Ohio	17	210,109.30	18	722,772.20	244
Industrial, Private, and Other Non- Federal Sponsors	128	2,604,619.75	189	3,622,420.19	39
Totals	545	\$25,416,023.05	608	\$29,764,738.39	17

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	14	\$ 130,825.00	30	\$ 139,469.00	7
State of Ohio	16	522,081.00	25	666,631.00	28
Industrial and Other	394	892,451.00	386	747,848.00	(16)
Totals	424	\$1,545,357.00	441	\$1,553,948.00	1

November 4, 1977 meeting, Board of Trustees

FIRST QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	1976-1977		1977-1978		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	36,252	\$ 849,566.30	41,439	\$ 961,768.38	13
Major Resources Group					
Deferred Gifts	46	2,010,800.97	44	1,453,663.00	(28)
Major Individual Gifts	876	1,613,997.29	1,174	2,533,170.79	57
Corporate Gifts	859	2,113,264.97	1,471	2,286,027.31	13
Foundation and Non-Profit Organization Gifts	643	1,679,034.71	726	2,748,862.82	64
Totals	2,424	\$7,417,097.94	3,415	\$ 9,121,723.92	23
Totals	38,676	\$8,266,664.24	44,854	\$10,083,492.30	22

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$1,047,304.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Medicine, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15116-12)

\$994,661.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Dentistry, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15309-12)

\$365,648.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15704-08)

\$188,174.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15608-08)

\$174,688.00 - Department of the Air Force, 2750th Air Base Wing/PMA, Specialized Procurement Branch, Building 1, Area C, Wright-Patterson Air Force Base, Ohio, for support of the graduate education program at Wright-Patterson Air Force Base, Graduate School, October 1, 1977 through September 30, 1978. (Contract No. F33600-77-C-0475)

\$164,414.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, School of Nursing, October 1, 1977 through September 30, 1978. (Grant No. 2 E04 NU01080-06)

\$149,500.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Washington, D. C., for Interpreting Outcome Measures in Vocational Education, The Center for Vocational Education, August 1, 1977 through August 31, 1978. (Contract No. 400-77-0070)

\$69,647.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1977 through September 30, 1978. (Grant No. 5E03MB15402-12)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$61,101.00 - Department of Health, Education, and Welfare, Public Health Service, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Hematology - National Research Service Award, Department of Medicine, July 1, 1977 through June 30, 1978. (Grant No. 5 T32 HL07141-03)

\$54,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., for Developing an Instrument for Inservice Training and Implementing Major Curricular Modification to Prepare Personnel, Academic Faculty for Exceptional Children, July 1, 1977 through June 30, 1978. (Grant No. G007701469)

TOTAL - FEDERAL CONTRACTS/GRANTS	\$3,269,137.00
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State of Ohio Contract/Grant

\$10,000.00 - State of Ohio, Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio, Curricula Redesign Project, Academic Faculty for Special Services, February 1, 1977 through January 31, 1978. (Grant No. 76-BT-F04-6664)

Industrial and Other Contracts/Grants

\$14,232.00 - Franklin County Welfare Department, Columbus, Ohio, Training Program for Franklin County Welfare Department, College of Social Work, July 1, 1977 through September 30, 1977.

\$11,000.00 - Salinas Union High School District, Salinas, California, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career and Vocational Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978.

\$9,989.00 - Michigan State University, East Lansing, Michigan, Short-term Consultant for the MSU/Brazil-MEC Project, College of Agriculture and Home Economics, September 13, 1977 through November 17, 1977. (Project No. MEC-OS-14c)

\$575.00 - Loudonville-Perrysville Exempted Village Schools, Loudonville, Ohio, Technical Assistance, The Center for Vocational Education, June 1, 1977 through June 30, 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS	\$35,796.00
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November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$508,784.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Acute Spinal Cord Injury Research Center, Department of Surgery, 1 September 1977 through 31 August 1978. (Project 710711 - Extension No. 5)

\$230,000.00 - National Science Foundation, Washington, D. C., Development of Competitive Politics in Spain, Department of Political Science, 1 September 1977 through 31 August 1979. (Project 710719 - New)

\$200,000.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology, 26 September 1977 through 25 December 1978. (Project 710726 - New)

\$198,731.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center (ORMAC), Department of Medicine Administration, 1 April 1976 through 31 May 1978. (Project 784384 - Modification No. 5)

\$151,198.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Health Professions Special Project Grant Program, Department of Medicine Administration, 1 July 1977 through 30 June 1978. (Project 710590 - Extension No. 2)

\$103,500.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Alloys: A Problem in High-Temperature Energy Conversion Systems, Department of Metallurgical Engineering, 1 September 1975 through 31 August 1979. (Project 784305 - Letter dated 5 August 1977)

\$99,895.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Rockville, Maryland, Preparation for Entrance Into the Health Professions, Office of Minority Affairs, 1 July 1977 through 30 June 1978. (Project 710562 - Extension No. 2)

\$99,100.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics, 1 October 1977 through 31 January 1980. (Project 710739 - New)

\$90,929.00 - Department of the Army, Army Research Institute for the Behavioral and Social Sciences, Alexandria, Virginia, A Study of Leader Behavior in the Effective Management of Organizational Crises, Mershon Center for Education in National Security, Graduate School, 15 November 1977 through 14 November 1979. (Project 710776 - New)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$90,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, Planning and Evaluation Project for the HEW Region V Developmental Disabilities Consortium, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 September 1977 through 29 September 1978. (Project 710774 - New)

\$84,814.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Experimental Analysis of Unsteady Wakes Behind Cones at Angle of Attack, Department of Aeronautical and Astronautical Engineering, 15 August 1977 through 14 August 1978. (Project 710656 - New)

\$82,657.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology, 24 June 1974 through 29 July 1978. (Project 783958 - Modification No. 11)

\$82,000.00 - National Science Foundation, Washington, D. C., Catalysis of Labile Metal Ions in Mixed Ligand Systems, Department of Chemistry, 1 September 1977 through 31 August 1979. (Project 710727 - New)

\$70,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, University Affiliated Facilities Consortium Coordination, Nisonger Center for Mental Retardation, Office of Health Sciences, 30 September 1977 through 29 September 1978. (Project 710775 - New)

\$68,975.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Wind Tunnel Research on Low Drag Airfoils for Short Haul Aircraft, Department of Aeronautical and Astronautical Engineering, 1 August 1977 through 28 February 1978. (Project 710692 - New)

\$64,372.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Hyattsville, Maryland, Economic Responses to Poor Health in Older Males, Department of Economics, 15 September 1977 through 14 September 1978. (Project 710693 - New)

\$63,100.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology, 1 September 1976 through 31 August 1978. (Project 784522 - Sponsor letter dated 9 August 1977)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,900.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Mechanization of Patching (Bituminous), Department of Mechanical Engineering, 19 August 1977 through 18 August 1978. (Project 710644 - New)

\$55,952.00 - Environmental Protection Agency, Chicago, Illinois, Integration and Synthesis of Watershed Studies on the Effects of Land Use on Pollutant Loading to Lake Erie, Department of Civil Engineering, 1 August 1977 through 30 June 1978. (Project 710773 - New)

\$52,900.00 - National Science Foundation, Washington, D. C., Density-Functional Theory for Non-Uniform Many-Body Systems, Department of Physics, 1 March 1976 through 30 June 1979. (Project 784369 - Sponsor letter dated 4 August 1977)

\$52,271.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Methods for Prolonging Action of Narcotic Antagonists, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710696 - Extension No. 2)

\$49,000.00 - Environmental Protection Agency, Washington, D. C., Chlorinated Hydrocarbons: Insecticide vs. Carcinogenic Action, Department of Radiology, 18 July 1977 through 17 July 1978. (Project 760756 - New)

\$46,300.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany, 15 July 1977 through 31 July 1978. (Project 710698 - New)

\$44,800.00 - National Science Foundation, Washington, D. C., Carbenic Processes, Department of Chemistry, 1 August 1977 through 31 July 1978. (Project 710700 - New)

\$43,545.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, Maryland, Bio-transformation of Cannabinoids by Microorganisms, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710697 - Extension No. 1)

\$42,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Spectroscopic Measurements of Ozone Water Vapor and Other Atmospheric Gases, Department of Physics, 1 April 1974 through 30 September 1978. (Project 783910 - Modification No. 6)

\$41,804.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Identification of Finite State Models of a Human Operator, Department of Industrial and Systems Engineering, 1 October 1976 through 30 September 1978. (Project 784556 - Modification No. AFOSR77-3152A)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts /Grants (contd)

\$41,500.00 - National Science Foundation, Washington, D. C., Action of Estrogen and Testosterone in the Ovarian Follicular Atresia, Department of Veterinary Physiology and Pharmacology, 1 September 1977 through 31 August 1979. (Project 710730 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Thrombin: Binding Sites and Functionalites, Department of Chemistry, 15 September 1977 through 30 September 1979. (Project 710735 - New)

\$39,949.00 - Environmental Protection Agency, Chicago, Illinois, Lake Erie Water Quality Surveillance, Center for Lake Erie Area Research, College of Biological Sciences. (Project 784717 - Amendment No. 1)

\$35,000.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Laser Induced Response, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784786 - Modification No. P00001)

\$31,700.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Development of Supplemental Curriculum Materials Relating to Ocean Study, Academic Faculty of Science-Mathematics Education, 29 August 1977 through 28 August 1978. (Project 710678 - New)

\$29,600.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering, 15 December 1974 through 14 December 1978. (Project 784098 - Modification No. P00003)

\$29,000.00 - National Science Foundation, Washington, D. C., An Experimental Analysis of Predator-Prey System, Department of Zoology, 1 October 1977 through 30 September 1978. (Project 710729 - New)

\$28,000.00 - National Science Foundation, Washington, D. C., A Novel Approach to the Regiospecific Construction of Anthracycline Ring Systems: Versatile Synthons for Benzoquinone and Naphthoquinone Carbanions, Department of Chemistry, 1 September 1977 through 31 August 1978. (Project 710732 - New)

\$23,319.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Non-contingency on Learning and Memory, Department of Psychology, 1 September 1977 through 31 August 1978. (Project 710724 - Extension No. 1)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$21,800.00 - National Science Foundation, Washington, D. C., Collaborative U. S. - U.S.S.R. Research in the Computer Applications in Urban Goods Distribution, Administrative Science Administration, 1 August 1977 through 31 July 1978. (Project 710720 - New)

\$20,938.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication, 1 September 1977 through 31 August 1978. (Project 710772 - New)

\$19,992.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, *In Vivo* and *In Vitro* Oxidations of Psychoactive Drugs, Department of Chemistry, 1 September 1977 through 31 August 1978. (Project 710699 - Extension No. 1)

\$18,000.00 - Energy Research and Development Administration, Washington, D. C., High Energy Physics Studies, Department of Physics. (Project 710041 - Modification No. A002)

\$14,526.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions, 1 September 1977 through 31 August 1978. (Project 710725 - New)

\$13,000.00 - National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers, Department of Biochemistry, 1 September 1977 through 31 August 1979. (Project 710731 - New)

\$11,470.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Fluid Dynamic Interactions within Multiple Nozzle Arrays, Department of Aeronautical and Astronautical Engineering, 1 October 1977 through 31 December 1977. (Project 710787 - Modification AFOSR76-2956C)

\$8,915.00 - National Science Foundation, Washington, D. C., Testing Alternatives in the Mathematics Preparation of Elementary Teachers, Department of Mathematics. (Project 784620 - Letter dated 1 August 1977)

\$8,690.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, University Affiliated Facilities - Administration and Operation, Nisonger Center for Mental Retardation, Office of Health Sciences. (Project 710559 - Amendment No. 2)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$8,528.00 - Federal Highway Administration, Washington, D. C., 1977 Federally Coordinated Program Research Review, Department of Electrical Engineering, 1 September 1977 through 31 December 1977. (Project 710728 - New)

\$7,500.00 - Department of Health, Education, and Welfare, Bureau of Education for the Handicapped, Washington, D. C., Continuation proposal for the National Center on Educational Media and Materials for the Handicapped, Academic Faculty for Exceptional Children, 1 September 1976 through 31 October 1977. (Project 710476 - Modification No. 9)

\$5,700.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Occupational Therapy, School of Allied Medical Professions, 1 September 1977 through 31 August 1978. (Project 710723 - New)

\$5,000.00 - Department of Health, Education, and Welfare, Office of Human Development, Administration on Aging, Washington, D. C., Sex Role Identity and Self-Esteem Through the Adult Life Span, Department of Psychology, 30 September 1977 through 29 September 1978. (Project 710771 - New)

\$3,942.00 - National Science Foundation, Washington, D. C., Assessment of Needs and Existing Practices of U. S. Schools in Pre-College Education: A Literature Review, Evaluation and Synthesis, Academic Faculty of Science-Mathematics Education, 30 June 1976 through 31 August 1977. (Project 784485 - Sponsor letter dated 15 August 1977)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$3,243,596.00
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State of Ohio Research Contracts/Grants

\$59,044.00 - Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Office of Organizational Services, Columbus, Ohio, Evaluation - Technical Assistance: Community Service Providers, Nisonger Center for Mental Retardation, 1 October 1977 through 30 September 1978. (Project 710767 - New)

\$24,662.00 - State of Ohio, Department of Health, Columbus, Ohio, Care and Training of Hemophiliac Patients for Home Therapy and Health Maintenance, School of Nursing, 1 July 1977 through 30 June 1978. (Project 710733 - New)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$8,855.20 - State of Ohio, Department of Highway Safety, Columbus, Ohio, Instructor Preparation/Driver Training of Handicapped Workshop, Division of Continuing Education, Office of Educational Services, 1 September 1977 through 31 January 1978. (Project 710677 - New)

\$6,316.00 - The Ohio Program in the Humanities, Columbus, Ohio, Focus on the Appalachians of Columbus, Ohio -- A Video Presentation and Analysis: Phase I, Telecommunications Center, Office of Educational Services, 1 September 1977 through 31 December 1977. (Project 710664 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS	\$98,877.20
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Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$151,323.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry, 1 July 1977 through 30 June 1978. (Project 710040 - New)

\$32,686.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology. (Project 784155 - Supplement No. 6)

\$25,000.00 - Columbus, Ohio Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort in Columbus, Center for Human Resource Research, Academic Faculty of Labor and Human Resources, 23 August 1977 through 22 August 1978. (Project 710630 - New)

\$20,000.00 - City of Columbus, Department of Development, Columbus, Ohio, Plan to Aid Senior Citizens in North Linden, Department of Psychology, 1 September 1977 through 31 August 1978. (Project 710685 - New)

\$19,774.00 - Stokely-Van Camp, Inc., Indianapolis, Indiana, Comparison of Three Gatorade Formulas on their Absorption Rate and Work Performance in Human Subjects, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710780 - New)

\$18,127.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Investigation of Oil Persistence in Tundra and Its Impact on the Belowground Arctic Ecosystem, Institute of Polar Studies, Graduate School, 1 June 1977 through 30 September 1978. (Project 784204 - Modification No. 2)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$15,000.00 - The University of Wyoming, Laramie, Wyoming, Computer Solutions for Use in Estimating the Progress of In-site Coal Gasification, ElectroScience Laboratory, Department of Electrical Engineering, 1 July 1976 through 28 February 1978. (Project 784491 - Phase II of Subcontract)

\$10,374.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy, 1 September 1976 through 31 August 1978. (Project 784691 - Amendment No. 1)

\$9,700.00 - The Toledo Edison Company, Toledo, Ohio, Impingement and Entrainment Studies at the Acme and Bay Shore Power Stations, Biological Sciences Administration. (Project 784524 - Purchase Order dated 15 September 1977)

\$9,250.00 - Ohio Laborers' Training and Upgrading Trust Fund, Mt. Vernon, Ohio, Instructor Training Program, Academic Faculty of Industrial Technology, 1 September 1977 through 30 June 1978. (Project 710736 - New)

\$9,084.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Myocardial Electrophysiologic and Mechanical Properties in Conscious Normal and Diseased Swine, Department of Veterinary Clinical Sciences, 1 October 1977 through 30 September 1978. (Project 710760 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Arterial Prostacycline-Platelet Aggregation, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710792 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Amine Alterations in Pregnancy Induced Hypertension, Department of Obstetrics and Gynecology, 1 October 1977 through 30 September 1978. (Project 710766 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Arachidonic Acid Induced Aortic Injury, Department of Pathology, 1 October 1977 through 30 September 1978. (Project 710764 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Mechanism of Action of Dichloroacetamides on Myocardial Inotropy, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710759 - New)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effects of High Expiratory Pressures on Cardiac Function, Department of Surgery, 1 October 1977 through 30 September 1978. (Project 710758 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Hemodynamic Forces on the Arterial Endothelium, Department of Surgery, 1 October 1977 through 30 September 1978. (Project 710757 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Effects of Increased Adrenergic Tone on Sinus Node Function Studies in Man, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710756 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, α -Adrenergic Metabolic Responses in the Myocardium, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710755 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Intra-operative Myocardial Protection During Anoxic Arrest, Department of Surgery, 1 October 1977 through 30 September 1978. (Project 710754 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Plasmalogenase Elevation in Experimental Stroke, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710753 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Left Ventricular Function: Discordance of Invasive and Non-Invasive Parameters, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710751 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Role of Prostaglandin E in Blood Pressure Control, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710749 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Interaction of Angiotensin and Prostaglandin, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710744 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Immunohistochemistry of Myocardial Ischemia, Department of Pathology, 1 October 1977 through 30 September 1978. (Project 710743 - New)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Compartmentation of K⁺ in Cardiac Cells, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710742 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry, 1 October 1977 through 30 September 1978. (Project 710741 - New)

\$8,925.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Energetics of Ca²⁺ Cycling During Muscle Contraction, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710763 - New)

\$8,920.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Hypothalamic Neurons Regulating Skin Blood Flow, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710745 - New)

\$8,858.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Distribution of Coronary Blood Flow of the Horse in Systole and Diastole, Department of Veterinary Physiology and Pharmacology, 1 October 1977 through 30 September 1978. (Project 710752 - New)

\$8,803.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Electrophysiology of Adriamycin Cardiotoxicity, Department of Veterinary Physiology and Pharmacology, 1 October 1977 through 30 September 1978. (Project 710765 - New)

\$8,515.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Antiaggregatory Actions of Clofibrate-Type Agents, College of Pharmacy, 1 October 1977 through 30 September 1978. (Project 710598 - New)

\$8,472.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Infarct Size on High-Frequency Components of QRS, Department of Veterinary Physiology, 1 October 1977 through 30 September 1978. (Project 710762 - New)

\$8,300.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Use of Sound Transfer in Detection of Cardiogenic Pulmonary Edema, Department of Medicine, 1 October 1977 through 30 September 1978. (Project 710747 - New)

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$7,980.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Reflex Changes in the Diastolic Ventricular Compliance, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710748 - New)

\$7,917.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Adriamycin-induced Cardiotoxicity in the Rat, Department of Veterinary Pathobiology, 1 October 1977 through 30 September 1978. (Project 710761 - New)

\$7,770.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, NMR Study of Molecular Interactions in Atheroma, College of Pharmacy, 1 October 1977 through 30 September 1978. (Project 710750 - New)

\$6,785.00 - Ross Laboratories, Columbus, Ohio, Efficacy of Ensure Plus in Support of the Long Term Physical Stress of Athletic Competition, School of Health, Physical Education and Recreation, 22 August 1977 through 21 August 1978. (Project 710782 - New)

\$6,763.00 - Ross Laboratories, Columbus, Ohio, Nutritional Efficacy of Ensure Plus During Multiple Periods of Physical Stress, School of Health, Physical Education and Recreation, 1 October 1977 through 31 March 1978. (Project 710783 - New)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 783911 - Check dated 1 August 1977)

\$4,750.00 - Shawnee Local School District, Board of Education, Lima, Ohio, Survey of Shawnee Local School District, Academic Faculty of Educational Administration, 1 July 1977 through 30 June 1978. (Project 710600 - New)

\$4,410.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Control of Strength and Duration of Activity of Muscle, Department of Physiology, 1 October 1977 through 30 September 1978. (Project 710746 - New)

\$3,000.00 - Key Pharmaceuticals, Miami, Florida, Comparative Efficacy Between a Standard Aminophylline Tablet and a Sustained Release Theophylline Product in Patients with Obstructive Lung Disease, College of Pharmacy, 1 September 1977 through 31 August 1978. (Project 710778 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$579,486.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State Of Ohio Research Contracts/Grants

\$123,500.00 - Public Utilities Commission of Ohio, Columbus, Ohio, for a Study to Analyze Selected Public Policy Issues Dealing with Industries Regulated by PUCO, Department of Mechanical Engineering, September 1, 1977 through June 30, 1978. (EES 508C Extension No. 1)

\$33,704.00 - Ohio Department of Transportation, Columbus, Ohio, for Transportation Safety Research, Department of Civil Engineering, October 1, 1977 through September 30, 1978. (EES 572)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$157,204.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$125,000.00 from Estate of James W. Shocknessy, Columbus, Ohio, for the James W. Shocknessy Fund.

\$50,000.00 from the Columbus Board of Realtors, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$49,800.00 from The Akron Area Board of Realtors, Akron, Ohio, for the John W. Galbreath Chair in Real Estate.

\$27,787.00 from The Chas. F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$25,000.00 from John W. Galbreath, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$25,000.00 from Mrs. John W. Galbreath, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$21,196.79 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$20,464.50 from The University Obstetricians & Gynecologists (given in the names of Elizabeth M. Boutselis, Donald K. Bryan, Garth F. Essig, Moon H. Kim, Nicholas J. Teteris, Robert R. Villalon, and James Hutchison Williams), Columbus, Ohio: \$14,938.00 for the EPR-OBS Fund; \$3,024.50 for the William E. Copeland Fund in Obstetrics and Gynecology; and \$2,502.00 for Reproductive Research.

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$15,685.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$15,000.00 from Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulan Riklis Chair in Business and Its Environment Fund.

\$13,500.00 from the Mansfield O.S.U. Campus Fund, Mansfield University Foundation, Mansfield, Ohio: \$12,000.00 for the Mansfield Campus Scholarship Fund and \$1,500.00 for the Mansfield Campus Support Fund.

\$10,557.90 from Battelle Memorial Institute, Columbus, Ohio: \$5,557.90 for the WOSU Support Fund and \$5,000.00 for the John W. Galbreath Chair in Real Estate.

\$10,000.00 from the Clermont County Board of Realtors, Cincinnati, Ohio, for the John W. Galbreath Chair in Real Estate.

\$10,000.00 from the Iddings Benevolent Trust, Dayton, Ohio, for the Iddings Benevolent Trust Scholarship Fund.

\$10,000.00 from Serb National Federation, Pittsburgh, Pennsylvania, for the Hilander Research Fund.

\$8,687.68 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$8,000.00 from John Olsen, M.D., Columbus, Ohio, for the Department of Radiology Development Fund.

\$6,243.00 from the Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$6,000.00 from Amoco Foundation, Inc., Chicago, Illinois, for the Amoco Foundation, Inc., Fellowship in Chemistry.

\$6,000.00 from Eastman Kodak Company, Rochester, New York, for the Eastman Kodak Company Fellowship Fund in Chemical Engineering.

\$6,000.00 from Trust Under the Will of Marjorie Sells Carter, Stamford, Connecticut, for the Arthur H. Carter Scholarship Fund.

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,850.00 from American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for the American Foundation for Pharmaceutical Education Fellowship Fund.

\$5,775.29 from Ohio Farmers Insurance Company, Westfield Center, Ohio, for the Ohio 4-H Foundation Support Fund.

\$5,000.00 from Exxon Education Foundation, New York, New York, for the Exxon Graduate Fellowship in Chemical Engineering.

\$5,000.00 from Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

Establishment of Named Funds

The Robert and Helen V. Tait Memorial Scholarship for Legal Education

The Robert and Helen V. Tait Memorial Scholarship for Legal Education was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Robert E. Tait, John T. Tait and friends of Robert and Helen V. Tait. The Tait Memorial Scholarship, as established, honors the distinguished career in the practice of law of the late Mr. Tait (Ohio Northern University - 1940) of Lima, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to provide one or more scholarships for students with demonstrated financial need enrolled in the College of Law. The selection of the recipient shall be made by the Dean of the College of Law or his authorized representatives. First preference shall be given to students who are residents of Allen County, Ohio, and, in turn, other Ohio residents. Recipients may apply for and receive a first and second renewal of their scholarship.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Arthur L. and Cora S. Evans Scholarship Fund

The Arthur L. and Cora S. Evans Scholarship Fund was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mary Evans Eyerman, B.A. '62, Oak Park, Illinois, and Sally A. Loos, B.A., '50, Little River, California, in memory of their grandparents, Arthur L. and Cora S. Evans, and Mrs. Eyerman's father, Mark Simeon Evans, B.A. '23, LL.B. '27. Acknowledgment is also made of gifts to this fund by the Evans Adhesive Corporation and the Evans Investment Company.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to first-year students enrolled in the College of Law. Selection of the recipient is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law. First preference will be given to students with baccalaureate degrees from The Ohio State University. Students who have demonstrated outstanding academic ability and who have participated in undergraduate activities will be considered for this scholarship.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the College of Law as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

The Ohio State University School of Nursing Research Fund

The Ohio State University School of Nursing Research Fund was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty, and friends of The Ohio State University School of Nursing.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support research projects conducted by faculty, graduate, and senior undergraduate students in the School of Nursing or by registered nurses in service or education settings in the Central Ohio area. Requisitions for funds will be approved by the Director of the School of Nursing and the Dean of the College of Medicine.

November 4, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ohio State University School of Nursing Research Fund (contd)

Should the need for this research cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for nursing education.

**Wellington F. Roemer and Margaret N. Roemer Fund
for Undergraduate Education in Insurance**

The Wellington F. Roemer and Margaret N. Roemer Fund for Undergraduate Education in Insurance was established November 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Wellington F. Roemer, II, W. Thomas Roemer, B.S.Educ., 1968, and J. Robert Roemer, B.S.Bus.Adm., 1970, in honor of their parents, Mr. and Mrs. Wellington F. Roemer of Toledo, Ohio, and in recognition of Mr. Roemer's distinguished career in the insurance profession.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide discretionary funds for the Academic Faculty of Finance in the College of Administrative Science for use in promoting, supporting and improving the curricular programs associated with an undergraduate major in Insurance and Risk. These funds may be used to provide for scholarship assistance, program enhancement, faculty training and orientation, equipment and publication needs and speakers expenses as determined by the Chairman of the Academic Faculty of Finance in consultation with those faculty members teaching courses in Insurance and Risk.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the College of Administrative Science as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Insurance and Risk education.

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November 4, 1977 meeting, Board of Trustees

EMPLOYMENT ARCHITECTS/ENGINEERS

UNIVERSITY HOSPITAL RENOVATION

Resolution No. 78-46

Synopsis: Complete renovation of the interior of the University Hospital to provide patients with care, treatment, services, and comfort conditions currently available in a modern hospital.

WHEREAS the University Hospital was constructed in 1951 in accordance with the most economical standards and practices of the time and the original structure and life support systems have become deteriorated due to normal use, wear and corrosion, and obsolete through advancement of technology and increasing demands for improved patient care accommodations; and

WHEREAS the original building and later addition must be renovated to comply with the current Life Safety Code and Ohio Building Codes, to improve the functional arrangement of the University Hospital in support of patient services, educational programs and clinical research activities and to improve patient amenities required of a modern hospital:

NOW THEREFORE

BE IT RESOLVED, That the firm of C. Curtiss Inscho and Associates of Columbus, Ohio, be employed to provide complete architectural and engineering services for this project including preliminary plans, working drawings, specifications, estimates of cost, necessary bidding documents and administration of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost of \$13,000,000 which is included in House Bill 618, Item 315-119 (1977-79 Biennium).

Upon motion of Mr. Harrod, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

ORTON HALL RENOVATION

Resolution No. 78-47

Synopsis: Major renovation for the Department of Geology and Mineralogy and the Orton Memorial Library of Geology.

WHEREAS Orton Hall was constructed in 1893 of the Richardsonian Romanesque style of architecture, and is one of the three historically significant buildings on campus which are on the National Register of Historic Places, and the original purpose of the building was to house the Department of Geology and Museum, and the general library of the University, but during the first 25 years housed a number of other departments; and

November 4, 1977 meeting, Board of Trustees

EMPLOYMENT ARCHITECTS/ENGINEERS (contd)

ORTON HALL RENOVATION (contd)

WHEREAS the building, constructed of steel frame with masonry and stone veneer is basically sound, is in need of major renovation to correct ground floor slab deterioration, improve building electrical and plumbing services, remedy certain conditions to comply with current building codes, provide improved safety systems, perform minor exterior repairs, provide a central heating and ventilating system, and make the building accessible for the physically handicapped:

NOW THEREFORE

BE IT RESOLVED, That the firm of Adams, Harder, Kincheloe and Swearingen, Architects/Planners, Inc., of Columbus, Ohio, be employed to provide complete architectural services for this project, including preliminary plans, basic drawings, specifications, contract drawings, estimates of cost, necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost of \$1,170,000 provided from the funds in House Bill 618 (Utilities and Renovation 1977-79 Biennium).

Upon motion of Dr. Jacob, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 78-48

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material, and estimates of cost for the following project are presented for approval:

MAC QUIGG LABORATORY, ALTERNATE HEAT SOURCE

Project: Provide oil-fired alternate heat source to the local gas-fired hot water boilers. This will supply adequate heat for the building during periods of gas curtailment.

Funding: Budget Account 885060 (Conversion of University Facilities to Alternate Fuel) and Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$40,000.00

November 4, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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ACQUISITION OF BUILDING AND PROPERTY DON SCOTT FIELD AREA - 3253 GRANVILLE ROAD

Resolution No. 78-49

Synopsis: Acquisition of property located at 3253 Granville Road is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: 1.993 acres situated in Quarter Township 4, Township 2 North, Range 19 West, in the Township of Perry, more commonly known as 3253 Granville Road, Worthington, Franklin County, Ohio; and

WHEREAS an agreement was executed on March 19, 1968, to purchase 74 acres adjacent to this property; and

WHEREAS the agreement contained an option to purchase the remaining 1.993 acres for \$20,000 at such time as the homesite was no longer occupied; and

WHEREAS the homesite is now permanently vacated; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan, previously approved by the Board of Trustees of The Ohio State University; and

WHEREAS said property could be utilized to serve as agriculture or airport related uses:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property in the name of the Board of Trustees of The Ohio State University from Gail H. McGurer, Lawrence H. and Eleanor E. McGurer, and Charles A. and Elizabeth S. McGurer, for the sum of Twenty Thousand Dollars (\$20,000) utilizing The Ohio State University Investment Fund.

Upon motion of Mr. Havens, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 4, 1977 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-50

RESOLVED, That the report on the University's Investment Portfolio dated November 3, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees be received and filed with the official records of the Board.

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ENROLLMENT REPORT TO THE BOARD OF TRUSTEES

President Enarson made the following report:

The University is now midway through its Autumn Quarter, and we are now able to report with some precision the number of students being served by OSU. As you know, such reporting is not as simple as it may seem. The number of students enrolled at the University changes not only from day to day, but literally from hour to hour. Consistent with state requirements, however, our reports deal with the number of students who were enrolled at the close of the 14th day of classes.

I am pleased to report that the University remains healthy in its ability to attract and retain students. When all levels of students and all campuses of the University are considered, the University has enrolled 55,543 students this Autumn Quarter, an increase of 964 over the Autumn Quarter, 1976. The anticipated decline in college enrollments has not yet affected this University, and we continue to experience heavy pressure for admissions at the freshman and graduate levels.

A closer look at some of the features of this Autumn's enrollment reveals the following:

- * On the Columbus Campus, we admitted 7,336 freshmen in Autumn 1977, an increase of 476 over the Autumn 1976.
- * Undergraduate enrollments at the Columbus Campus increased over this same period by 702 students, to a total of 39,090.
- * A total of 9,140 graduate students are enrolled, an increase of 449 over Autumn 1976. This increase is particularly gratifying because of a slight decline noted last year, a factor that resulted in substantially decreased subsidy earnings.
- * Post-baccalaureate professional enrollments remained almost constant, as planned, at 2,772.
- * Enrollments at the Lima, Mansfield, and Newark Campuses decreased slightly, so that in total the Regional Campus enrollment declined by some 221 students, to a total of 3,641.

TOTAL HEADCOUNT
THE OHIO STATE UNIVERSITY
AUTUMN QUARTER

November 4, 1977 meeting, Board of Trustees

	AU 1976	AU 1977	Headcount Enrollments Change	Percent Change
COLUMBUS (Including Mt. Carmel)				
Undergraduate:				
New First Quarter Freshmen	6,860	7,336	+ 476	+ 6.9
Other	31,528	31,754	+ 226	+ 0.7
Total	38,388	39,090	+ 702	+ 1.8
Graduate:				
Masters	4,579	4,693	+ 114	+ 2.5
Doctoral	4,112	4,447	+ 335	+ 8.1
Total	8,691	9,140	+ 449	+ 5.2
Professional:	2,767	2,772	+ 5	+ 0.2
Columbus Totals	49,846	51,002	+1,156	+ 2.3
REGIONAL CAMPUSES				
Lima	961	867	- 94	- 9.8
Mansfield	1,189	1,135	- 54	- 4.5
Marion	727	732	+ 5	+ 0.7
Newark	985	907	- 78	- 7.9
Branch Totals	3,862	3,641	- 221	- 5.7
TECHNICAL				
Agricultural Technical Institute	735	818	+ 83	+11.3
OFF CAMPUS				
Wright Field	136	82	- 54	-39.7
University Totals	54,579	55,543	+ 964	+ 1.8

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

President Enarson's report (contd)

- * The Agricultural Technical Institute at Wooster experienced an increase to 818 students, up 83 students from 1976.

The attached table provides more detail about the enrollments at each of the University campuses.

The budget implications of these enrollment changes are not yet certain, though it appears likely that some minimal level of funding will be made available for the Columbus campus above our earlier budget projections. Fortunately, the enrollment declines at the Lima, Mansfield, and Newark campuses will have no major impact on their 1977-78 budgets. Anticipating possible declines at these campuses, we prepared 1977-78 budgets for the regional campuses that did not exceed their guaranteed level of state subsidy support.

All things considered, we will move into the 1978-79 year with a healthy enrollment base. The longer range implications of this are significant to the University because the base established during the current biennium will have much to do with the University's subsidy eligibility through the next biennium, which ends in 1982.

Mr. Gushman:

How is the enrollment of the other state universities, state-supported universities?

President Enarson:

The other universities are, for the most part, up. Enrollment in the other eleven Ohio senior institutions is up somewhat--about one and a half to two percent, with a larger increase in the technical and community college area. Now Youngstown University, I think, did show some decline in freshman enrollment. Kent State showed a major decline, I think, 10 or 11 percent. Akron, which is an archetypical urban university showed its 22nd straight year with an enrollment increase. The university I once served, Cleveland State University, added about 800 students for an all-time high of almost 18,000. According to the *Chronicle of Higher Education* reports, the enrollments are up close to three percent around the country, but there again they're skewed and there's a greater increase in the technical-community college sector than there is in the university. There is also some indication that the major comprehensive universities, the land-grant universities, the institutions such as the Wisconsin, the Illinois and the Michigan continue to be up and if there are sags they tend to be in the regional campuses. In view of all of this it would be nice to just relax and say, that all is well in this best of all possible worlds if it were not for the demographic data, which simply cannot be ignored. This clearly indicates that in about--what four, five, or six years, there is a very significant, precipitant decline in the number of high school graduates. Some

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

President Enarson: (contd)

recent studies done by the Board of Regents indicate that the studies of some years ago may have overestimated the number of high school students. I think, isn't that true, Mrs. James, that the Cleveland schools had fewer students in the upper levels than they had anticipated?

Mrs. James: "Yes."

President Enarson: "And I think that is true here."

Mr. Gushman: "How about the technical institutions on our regional campuses?"

President Enarson:

Yes, I thought we had it here--we don't, do we? I'm thinking of a report which I have seen and I'll be glad to send . . . Bill, do you have it?

Dr. Vandament:

Dr. Robinson is here to answer any questions about the regional campuses. I can say generally that the enrollments at the technical colleges with which we share campuses are up and while these headcount enrollments at our regional campuses are down, the course enrollments have not been affected as much because of the services we provide in the arts and sciences for those technical colleges, so the decline is not as great in terms of our instructional load to our regional campuses as one might suspect from the headcount information.

President Enarson:

In other words, we contract for the provision of certain liberal arts courses to students who are registered in the technical college, but overall they continue to show substantially larger increases than we do.

Dr. Sirak: "Do we show them in our headcount or do they?"

Dr. Vandament:

No, we do not count them in our headcount, but they do get counted in our full-time equivalent student count.

Mr. Havens: "Is this the first time our headcount had been down?"

Dr. Vandament: "At the regional campuses--no."

Mr. Havens: "In other words, it was down in 1975-76, 1976 went down from 1975?"

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

Dr. Vandament: "I'll let someone with more history of this institution speak to that."

President Enarson: "My recollection is that there is up and down in this - Ted."

Dr. Robinson:

Yes, two of the campuses--Lima and Mansfield--have been down for two years in a row.

Dr. Vandament:

The question was raised about full-time equivalents where we haven't presented the information here about our full-time equivalent base but that, of course, is up as well. Our estimates are that if we were to be fully funded for all of the students that we have at Columbus now, we would be entitled to another million and a half to two million dollars in subsidy. Unfortunately, there is a very small growth pool, the size of which is not determined yet. It will be determined only after we know how all of the institutions have fared, but we will have claim to some of that growth pool. We may get bought out, however, at ten cents on the dollar or fifteen cents on the dollar of earnings there. It does--it is important for us to build our enrollment base as we move into the next biennium because, as you recall, the current year's budget in instructional subsidies our guarantee was based on last year's enrollment, so we want to keep the base up so that in the upcoming biennium we'll have a healthy base to build on.

Dr. Jacob:

At the graduate level, did we gain back here to where we were in say Autumn of 1975?

Dr. Vandament:

Actually, we increased our graduate enrollment slightly over 1975. I think we were down about 200 students last year and we've shown an increase of more than 400 students this year.

Dr. Kuhn:

There are a couple of factors there, Dr. Jacob. One, is that we tried very hard to get all units to enroll graduate students who were on campus. And heretofore, there had been some students who were doing dissertation work who had not registered and therefore were not earning a subsidy credit. Working with the deans and department chairmen, I think we closed that loophole and that is, in part, the reflection that you have here.

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

Dr. Sirak:

Al, the years in which we have had increments in our graduate school enrollments, have they always run about 50 percent of the total University enrollment as they have this year?

Dr. Kuhn: "Fifty percent of the total enrollment . . ."

Dr. Sirak:

Yes, of this roughly 1,000 students that you have got here enrolled now, about half of them are graduate students, according to the numbers you have here.

President Enarson: "The total of graduate students is 9,000."

Dr. Sirak: "I am talking about the increases."

Dr. Kuhn:

Half of the increase? I do not know the answer to that Dr. Sirak, I would have to look, I do not know what the trends are on that.

Mrs. James: "Do you have the headcount broken down by race and sex?"

Dr. Vandament:

Yes, and we have Dr. Hairston here who can answer questions about that.

Dr. Hairston:

The overall numbers of minority students increased by two across the total University. We saw greater growth in the professional and the graduate student area. We saw a decline in undergraduate students. So the total number of minority students on campus is 3,436 this Autumn quarter.

Mrs. James: "Do you have those comparisons on paper?"

Dr. Hairston: "Yes."

Mrs. James: "May I have them?"

Dr. Hairston: "My notes as well."

Mrs. James:

Well, usually when we get this, we get the breakdown, I would like to have that, please.

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

President Enarson:

Would it be of interest to the Board to also have the perspective graduate programs?

Mrs. James: "The whole thing."

President Enarson:

Well, not only that, Mrs. James, but the shifts by area at the graduate level. I always find that interesting. That is where the graduate program is growing and where they are cutting back. As we know that there are fewer job opportunities in education, what is the extent of the decline? We know that there are more job opportunities in accounting, what is the extent of line it climbs?

Mrs. James: "We usually have that. Why didn't we get it this time?"

Dr. Vandament:

Why you didn't get it this time, I think, is because I wasn't here last year and didn't remember that you got it. I'm sorry, we'll send you a copy.

Mrs. James: "Please."

President Enarson: "We can either send it between Board sessions--oh we'll send it out."

Dr. Vandament:

There are some interesting patterns of the enrollments in Veterinary Medicine where the number of women has increased and in Nursing where the number of males has increased. So those patterns are also available.

Mr. Havens: "Do the regional campuses come close to supporting themselves, fiscally?"

Dr. Vandament:

Well, they do. As a matter of fact, the University treats them as though they were almost auxiliary enterprises. We pass through their earnings to them and they get what they earn and budget accordingly, and then pay essentially a service charge, an overhead or indirect cost to the central administration.

Mr. Havens:

We worried about a decline in enrollment, do you have any feelings as to whether it would hit us quicker on the regional campuses?

November 4, 1977 meeting, Board of Trustees

ENROLLMENT REPORT TO THE BOARD OF TRUSTEES (contd)

Dr. Vandament:

Yes, I am certain that it would hit us there first. Well, it is hitting us there first.

Mr. Havens:

Do you think it would be interesting to take a look--you say Mansfield is off. It would be interesting to see whether the school at Ashland, the private college of Ashland, had an increase in enrollment at a much higher price than we charge at Mansfield and we have a decline.

Dr. Vandament:

Well, certainly we notice that the technical colleges that co-exist with the regional campuses are showing increases and then we suspect that the competition is more there than anywhere else. I think at the Columbus campus, we still have a major demand for admission to the institution and we turn off applications and receive many more applications than we can honor so I think it will be some time at the undergraduate level things will catch up with us. I think it will hit first probably the regional campuses of all of the universities, then I think it will hit some of the other universities, and I think probably we will be down the line at Columbus.

Dr. Sirak: "Jack, take Newark and Denison for example, there is no problem at all."

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Thereupon the Board adjourned to meet Thursday, December 8, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Acting Secretary

John L. Gushman
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 9, 1977

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HONORARY DEGREES

WILLIAM M. BATTEN
Doctor of Humanities

Your life is a model of the American success story. By sheer merit and hard work you rose to the top of the business world. Under your direction, the J. C. Penney Company became one of the leading merchandising organizations in this country. In government and civic activities you demonstrated the high sense of social responsibility which has characterized your life. At a time when others might have chosen retirement, you agreed to become Chairman of the New York Stock Exchange. This new position reflects your acknowledged stature in the business world and is fitting tribute to your distinguished career.

WALTER LOUIS CHAMBERS
Doctor of Science

In the field of landscape architecture, your work and its influence are unique. Nearly every practitioner today and every teacher follows concepts you introduced more than forty years ago. As director of the landscape architecture program at Harvard and later the University of Michigan, you taught your students to see unity and harmony in the varied elements of our physical world. You instilled in them a desire to leave the world a better place because of their work. You have been called a creator of beauty. No words better describe the many ways in which your contributions have enriched our lives.

RALPH M. HARDGROVE
Doctor of Science

For more than sixty years you devoted your professional life to the study of coal and its efficient use in generating power. Your ideas on energy use and conservation were ahead of their time. Your inventions led to the development of safe and low-cost power in this country and the world. In the highest professional tradition, you shared your knowledge and skill with hundreds of younger engineers, many of whom have gone on to careers of distinction. For your numerous contributions you have justly earned the acclaim of your peers and the gratitude of society.

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Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

One candidate

Jeffrey Harold Brandes, Parma; B.M. (Baldwin-Wallace College); S.M.M. (Union Theological Seminary); *Music*; Dr. Gordon J. Wilson

Doctor of Philosophy

One hundred and forty-eight candidates

Esther Shapiro Abraham, Raanana, Israel; B.A. (Tel Aviv University); M.A.; *Psychology*; Dr. Henry R. Angelino

Jean Acks Amos, Columbus; B.S., M.S.; *Genetics*; Dr. J. Bruce Griffing

José Bittencourt de Andrade, Curitiba, Brazil; B.S., M.S. (Federal University of Paraná); *Geodetic Science*; Dr. Dean C. Merchant

Pamela Tatiana Anikeeff, Akron; A.B. (University of California); M.A. (University of Akron); *Psychology*; Dr. David Hothersall

Dolores Catherine Aquino, Chicago, Ill.; B.S. (Illinois Institute of Technology); *Chemistry*; Dr. Robert J. Ouellette

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Reid Evans Baker, Columbus; B.A. (Washington and Lee University); M.A. (Middlebury College); *Education*; Dr. Edward D. Allen

Avijit Banerjee, Calcutta, India; B.Tech. (Indian Institute of Technology); M.B.A. (Duquesne University); *Business Administration*; Dr. Stanley T. Hardy

Mark Donald Barnes, Cincinnati; A.B. (Thomas More College); *Zoology*; Dr. Willard C. Myser

William Edwin Beckwith, Ashtabula; B.A. (Bowling Green State University); M.A.; *Psychology*; Dr. Curtis A. Sandman

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James Hubert Bryson, Peoria, Ill.; B.S. (Bradley University); M.S.; *Chemistry*; Dr. C. Weldon Mathews

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- Carol Gray Hosenfeld, West Springfield, Mass.; A.B. (Barnard College); M.A. (Middlebury College); *Education*; Dr. Gilbert A. Jarvis
- Bryan Hiroshi Ikeda, Bedford; B.A. (Kenyon College); *Chemistry*; Dr. Perry A. Frey
- Kenneth Earl Inkrott, Glandorf; B.S. (Saint Joseph's College, Indiana); M.S.; *Chemistry*; Dr. Sheldon G. Shore
- James Joseph Jiambalvo, Chicago, Ill.; B.S., M.A.S. (University of Illinois); *Accounting*; Dr. Thomas J. Burns
- Stephanie May Jung, Los Angeles, Calif.; B.S. (University of California); *Chemistry*; Dr. Robert M. Mayer
- Krishnamurthi Kannan, Durg, India; B.Tech. (India Institute of Technology at Bombay); M.Tech. (India Institute of Technology at Kanpur); M.S.; *Computer and Information Science*; Dr. David K. Hsiao
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- Virginia Lee, Fishkill, N. Y.; B.A. (State University of New York College at Oneonta); M.S.; *Statistics*; Dr. D. Ransom Whitney
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- Chung-Der Liu, Tainan, R.O.C.; B.S., M.S. (National Taiwan University); M.S., M.S.; *Mathematics*; Dr. Geza Freud
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- Paul Francis McManamon, Fairborn; B.S. (John Carroll University); M.S.; *Physics*; Dr. Clifford V. Heer
- Clifford Thomas McPeak, Fairborn; B.S.Ed., M.Edu. (Miami University); *Physical Education*; Dr. Donald K. Mathews
- Robert Alan Mechikoff, Whittier, Calif.; B.A., M.A. (California State University); *Physical Education*; Dr. Seymour Kleinman
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- Hal Griffin Rainey, Columbus; B.A. (University of North Carolina); M.A.; *Public Administration*; Dr. Paul G. Craig
- Peter Webb Raynolds, Irvington, N. J.; A.B. (Hope College); *Chemistry*; Dr. John S. Swenton
- Jerry Ray Redding, Mason, Mich.; B.A., M.A. (Michigan State University); *Communication*; Dr. Joseph M. Foley
- Toni Tripp Reimer, Columbus; B.S.Nurs. (University of Maryland); M.S., M.A.; *Anthropology*; Dr. Frank E. Poirier
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- Barbara Hill Rigney, Columbus; B.A., M.A.; *English*; Dr. Morris Beja
- David Lee Ronis, University Heights; B.A. (University of Rochester); M.A.; *Psychology*; Dr. Anthony G. Greenwald
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- Karen Brown Rubin, Knoxville, Tenn.; B.A. (Florida State University); M.A.; *Psychology*; Dr. Henry R. Angelino
- Nicolae Scalis, Bucharest, Romania; Licentiate (University of Bucharest); M.A.; *Education*; Dr. Robert B. Sutton
- Janice Ruth Sandiford, Columbus; B.S.Nurs., M.A.; *Education*; Dr. Aaron J. Miller
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Raymond Joseph Smith, Cambridge, Mass.; B.A. (Boston College); M.A.; *Classics*; Dr. Robert J. Lenardon

Augusto Cesar de Monteiro Soares, Fortaleza, Brazil; B.S. (University of Ceara); M.S.; *Agricultural Economics and Rural Sociology*; Dr. Richard L. Meyer

Howard Michael Sokolow, Belmar, N. J.; B.A. (University of Massachusetts); M.A.; *Education*; Dr. Gerald M. Reagan

Janice Hoffman Soler, Columbus; B.A.Ed. (Seattle University); M.A. (New York University); *Romance Languages and Literatures*; Dr. Salvador Garcia Castaneda

John Phillip Sostrom, Yellow Springs; B.A., M.A. (University of Wyoming); *Education*; Dr. Alexander Severino

Leslie Earl Stansbery, Columbus; B.A. (University of Denver); B.D. (Union Theological Seminary); M.A.; *Political Science*; Dr. Chadwick F. Alger

Carol Jean Stevens, Stonington, Conn.; B.S. (Central Connecticut State College); M.A.; *Physical Education*; Dr. Edward L. Fox

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Richard Joseph Sujdak, Carnegie, Pa.; B.S. (Carnegie-Mellon University); M.S.; *Chemistry*; Dr. Leon M. Dorfman

James Madison Tolliver, Reynoldsburg; B.S.Bus.Adm.; *Business Administration*; Dr. Orlando C. Behling

Beverly Guella Toomey, Columbus; B.A. (Miami University); M.S.W.; *Social Work*; Dr. Leonard Schneiderman

Bruce Homer Traub, Seattle, Wash.; B.S.L. (Mountain View Bible College); B.A. (Seattle Pacific College); M.A.; *Psychology*; Dr. James E. Erickson and Dr. Mari R. Jones

Fiona Henderson Travis, Columbus; B.A. (Muskingum College); M.A.; *Education*; Dr. Anthony C. Riccio

David Edward Traweck, Columbus; B.S. (University of Idaho); *Interdisciplinary: Psychology, Photography, Natural Resources, Communication and Sociology*; Dr. Gabriel F. Cherem and Dr. Robert E. Roth

Luke Uka Uche, Swannanoa, N. C.; B.A. (Warren Wilson College); M.A.; *Communication*; Dr. James L. Golden

Caio Vidor, Porto Alegre, Brazil; Engenheiro Agrônomo, Mestre em Salos (Universidade Federal do Rio Grande do Sul); *Agronomy*; Dr. Robert H. Miller

Wayne Lee Westcott, State College, Pa.; B.S., M.S. (Pennsylvania State University); *Physical Education*; Dr. Daryl Siedentop

Howard Bruce Williams, Columbus; B.S. (Morgan State College); D.V.M. (Tuskegee Institute); *Veterinary Physiology and Pharmacology*; Dr. Thomas E. Powers

Terry Michael Williams, Columbus; B.S. (Old Dominion University); M.Ed. (Virginia Commonwealth University); *Education*; Dr. Neal E. Vivian

Linda Heding Wolff, Columbus; B.S. (Elizabethtown College); M.S.; *Microbiology*; Dr. Richard G. Olsen

Peter Puitak Yeh, Hong Kong; B.S. (Indiana University of Pennsylvania); *Chemistry*; Dr. Theodore Kuwana

Master of Accounting

Two candidates

Orzil Stanley Buggs, Eustis, Fla.; B.S. (Florida A & M University); *Accounting*

Howard Louis Klein, Beachwood; B.S. (Miami University); *Accounting*

Master of Architecture

Two candidates

Dhatee Mahatharadol, Bangkok, Thailand; B.S.Arch. (University of Wisconsin); *Architecture*

Kenneth John Mlicki, Columbus; B.S.Arch.; *Architecture*

Master of Arts

One hundred and eighty-four candidates

Ogein B. Adams, Kaduna, Nigeria; B.A. (Ahmadu Bello University); *Education*

Eugene Anthony Altomare, Leetonia; B.A. (Youngstown State University); *Education*

Gabriella Amato, Milano, Italy; B.A. (Marshall University); *Romance Languages and Literatures*

Jane Broderick Anziano, North Bellmore, N. Y.; B.A. (State University of New York College at Oneonta); *Communication*

Melanie Mark Baer, Columbus; B.S.Ed. (Miami University); *Education*

Linda Darnell Bailey, Paterson, N. J.; B.S.Ed. (Morgan State University); *Education*

Shelley Brenner Baird, Columbus; B.F.A. (Indiana University); *Photography and Cinema*

Janice Collette Ball, Columbus; B.S.Ed. (Ohio Dominican College); *Education*

Willard F. Banker, Jr., Memphis, Tenn.; B.M. (Memphis State University); *Music*

Garnet Leigh Bass, Nashville, N. C.; B.A. (University of North Carolina); *Journalism*

Sharon McCabe Baukman, Philadelphia, Pa.; B.A. (Cheyney State College); *Sociology*

Nancy Sutherland Belliveau, Cincinnati; B.S.Ed. (Miami University); *Physical Education*

Mark C. Berger, Sylvania; B.A. (University of Toledo); *Economics*

Kimberly Kay Bergman, Beaver Falls, Pa.; B.A. (Thiel College); *Education*

Arthur L. Block, Gahanna; B.S. (Capital University); *Education*

Meredith S. Blum, Hamilton; B.S.Soc.Wel.; *Education*

Nikki Jo Borman, Marietta; B.A.; *Public Administration*

Kenneth Alan Brenner, Akron; B.Mus.Ed.; *Music*

Jeffrey C. Brethauer, Conestoga, Pa.; B.A. (University of Rhode Island); *Philosophy*

Diedra Yvonne Brooks, Laurel, Md.; B.S. (Oakwood College); *Communication*

Sandra Ruth Brotman, Cleveland; B.A. (University of Cincinnati); *Communication*

Brenda S. Brown, Columbus; B.S.Ed.; *Education*

Garrett Charles Brusco, Westerville; B.S.Ed.; *Education*

Joseph Paul Burgoon, Baltimore; B.B.A. (Ohio University); *Education*

Toora V. Burton, Portsmouth, Va.; B.A. (Saint Augustine's College); *Political Science*

Rosemary Daniel Butzer, Pickerington; B.S.Nurs.; *Health Education (Physical Education)*

Charles Stephen Cademartori, Hoboken, N. J.; B.A. (Newark State College); *Education*

Mary M. Carey, Richwood; B.S.Ed.; *Education*

Ralph Carter, Wichita Falls, Tex.; B.A. (Midwestern University); *Political Science*

Jerome David Catalano, Lorain; B.S. (Saint Joseph College); *Music*

Ann Marie Cavanaugh, Warren; B.A. (Cleveland State University); *Education*

Lillian Lee Chappelle, Birmingham, Ala.; B.A. (University of Alabama); *Communication*

Mary Ellen Chappelle, Columbus; B.A. (Capital University); *Education*

Hwai-Hwa Chen, Petittou, R.O.C.; B.A. (National Taiwan University); *East Asian Languages and Literatures*

Jau-Huey Chen, Kaohsiung, R.O.C.; B.A. (National Taiwan University); *Economics*

- Min-Tze Chen, Taipei, R.O.C.;
B.Ed. (National Taiwan University);
Education
- Mary Beth Ratcliff Chickarella, Columbus;
B.A.; *Communication*
- Marilyn Harris Clinger, Pickerington;
B.S.Ed.; *Education*
- Karin Van Almen Connell, Columbus;
B.A. (Baldwin-Wallace College);
Art Education
- Sandy Cook, Columbus;
B.S.; *Education*
- Tim Randall Cook, Bucyrus;
B.S.Ind.Des.; *Industrial Design*
- Thomas Wayne Crerand, Columbus;
B.A.; *Journalism*
- Betty Jane Phelps Cunningham, Columbus;
B.S.Ed.; *Art Education*
- Mark Steven Curtis, Columbus;
B.A. (Capital University); *Education*
- Nancy Lynne Dare, Berkeley Heights, N. J.;
B.A. (Marietta College); *Education*
- Nancy Whitacre Davy, Columbus;
B.S.Ed.; *Education*
- Phillip Jay Decker, Columbus;
B.A. (San Diego State University);
Psychology
- Catherine Weber Dygert, Worthington;
B.A. (Michigan State University);
Education
- Connie Brammer Edwards, Marysville;
A.B. (Wittenberg University); *Education*
- Linda Louise Fannin, San Antonio, Tex.;
B.J. (University of Texas at Austin);
Journalism
- Daniel Leslie Farslow, Windsor, Ont., Canada;
B.A. (University of Windsor);
Anthropology
- Rebecca Nevers Fellows, Mansfield, Conn.;
B.S. (University of Connecticut);
Physical Education
- Mary Anne Holloway Fewell, Columbus;
B.S. (West Virginia University);
Education
- Mary Lou Finnegan, Dedham, Mass.;
B.A. (Tufts University); *Psychology*
- Sandra R. Flanagan-St. Cyr, Columbus;
B.S.Ed. (University of Dayton); *Education*
- Mary Ann Fronk, Dover;
B.S.Ed.; *Public Administration*
- Sue Heidenreich Gabriel, Columbus;
B.S.Nurs; *Health Education (Physical Education)*
- Lindsay Schatz Graves, Columbus;
B.A. (Denison University); *Education*
- Kenneth Charles Green, Shaker Heights;
B.A. (New College); *Education*
- Chester Anthony Gunka, Dunkirk;
B.S.Ed.; *Education*
- Ellen C. Hahn, Columbus;
B.S.Nurs. (Case Western Reserve University); *Health Education (Physical Education)*
- Robin Jean Hailstorks, Washington, D. C.;
B.S. (Morgan State University);
Psychology
- Linda Lee Hale, Morehead, Ky.;
A.B. (Morehead State University);
Education
- Pamela Ann Harrison, Niles, Mich.;
B.S. (Marquette University);
Communication
- Nancy A. Hawes, Hadley, Mass.;
B.S. (University of New Hampshire);
Communication
- Lynne Margolis Heilbrunn, Columbus;
B.A. (State University of New York College at Binghamton); *Health Education (Physical Education)*
- David Lewis Hiatt, Columbus;
B.S.Ed.; *Education*
- Sandra Allison Hill, Heath;
B.A. (Ohio Dominican College);
Art Education
- Beth L. Hodder, Westerville;
B.A. (Otterbein College); *Education*
- Karen Rodgers Holinga, Orient;
B.S.Ed. (Indiana University); *Education*
- Steven W. Holub, Cincinnati;
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Journalism
- Michael Joseph Hoza, Youngstown;
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Sociology
- Tao-Lin Hwang, Columbus;
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A.B. (Kenyon College); *History*
- Berenice Virginia Johnson, St. James, Barbados; B.A., M.A. (Howard University); *Education*
- Patricia Rue Jones, Parma;
B.A. (Ohio Wesleyan University);
Romance Languages and Literatures
- Joan N. Kaderavek, Columbus;
B.S. (Miami University); *Communication*
- M. Ann Kargas, Columbus;
B.S. (University of Minnesota); *Education*
- Kyriakos Karoutsos, Boston, Mass.;
B.A. (University of Massachusetts);
Anthropology
- Thomas J. Katzenmeyer, Youngstown;
B.A. (University of Georgia); *Journalism*
- Dorothy Birge Keller, Columbus;
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- Beth Ann Kennedy, Utica;
B.S.Ed.; *Education*
- Mark T. Kernan, College Park, Md.;
B.S. (University of Maryland); *Psychology*
- Carole Henderson Kerns, Bellefontaine;
B.S.Ed.; *Communication*
- Arlene Kiefer, Painesville;
B.A.; *Romance Languages and Literatures*
- Thomas L. Kimball, Eliot, Me.;
B.A. (University of Maine); *Psychology*
- Thomas J. Knobbe, Auburn, Ia.;
B.S. (University of Iowa); *Psychology*
- Bogdan Kokot, Stalowa Wola, Poland;
Cum laude Appratur (University of Helsinki); *Slavic Languages and Literatures*
- Renée Marie Lange, Columbus;
B.S.Nurs.; *Health Education (Physical Education)*
- William F. Lee, Shaker Heights;
B.A. (Ohio Wesleyan University);
Education
- Yu-Min Lee, Taipei, R.O.C.;
B.A. (National Cheng-Kung University);
East Asian Languages and Literatures
- Sally Z. Leffer, Westerville;
A.B. (Asbury College); *Education*
- Walter Robert Leonard, Logan;
B.Mus.Ed.; *Music*
- David Harvey Levine, Brooklyn, N. Y.;
B.A. (Florida Atlantic University);
Sociology
- Emery Jerome Lewis, Jackson, Miss.;
B.A. (Tougaloo College); *Music*
- Rebecca Vulgamore Long, Jasper;
B.S.H.E.; *Education*
- Terrence W. Macy, Rocky Hill, Conn.;
B.A. (Assumption College); *Psychology*
- Pamela Park Malcolm, Columbus;
B.A.; *Sociology*
- Joyce A. Malinak, Parma;
B.A.; *Public Administration*
- Bonnie Crawford Marshall, Conyers, Ga.;
B.A. (Milligan College); *Education*
- Candace Obreza Martin, Euclid;
B.S.Ed.; *Education*
- Thomas W. Martin, Chillicothe;
B.S. (Huntington College); *Education*
- Josephine A. Matthews, Somerset, Pa.;
B.A.; *East Asian Languages and Literatures*
- Sibyl L. McCualsky, Columbus;
B.A. (Otterbein College); *Physical Education*
- Jerry R. McDonald, Columbus;
B.A.; *Public Administration*
- Gerald Paul McDonough, Delaware;
B.S.Ed.; *Education*
- Dwight Peter Miller, Melville, N. Y.;
B.A. (Lafayette College); *Psychology*
- Linda Sue Miller, Mountain View, Okla.;
B.S.Ed.; *Education*
- George A. Modreck, Bridgeport;
B.A.; *Communication*
- Lois J. Monaghan, Columbus;
B.A. (Central Michigan University);
Education
- Steven Lee Montgomery, Pickerington;
B.S.Ed. (Ohio University); *Education*
- Janine Annette Moon, Mansfield;
B.S.Ed. (Bowling Green State University);
Education
- Karen Lynn Muir, Columbus;
B.A.; *Anthropology*
- Mary Jane Murphy, Columbus;
B.S. (Miami University); *Art Education*
- Harold Hudson Murry, Plain City;
B.A. (Bowling Green State University);
Public Administration
- James Hull Nelson, Columbus;
B.S.Ed.; *Education*
- Lawrence M. Novicky, Youngstown;
B.A. (Youngstown State University);
Public Administration
- Kalu Ogbaa, Umuchiakuma Ihechiowa, Nigeria; B.A. (University of Nigeria);
Black Studies

Lawrence S. Owen, Columbus;
B.A. (Rio Grande College); B.D.
(Southern Baptist Theological Seminary);
Education

Linda Wilson Oxley, Columbus;
B.A.; *English*

Senay Vecihe Pasinler, Columbus;
B.S.Ed., B.A.; *English*

Diana Craig Patch, Columbus;
B.A. (Washington University);
Anthropology

Esther Y. Porter, Mansfield;
B.S.Ed. (Ashland College); *Education*

Barbara Ward Prince, Urbana;
B.S.Ed.; *Education*

Karen Lou Rafeld, Ashland;
B.S.Ed.; *Journalism*

Susan Elaine Ragan, Columbus;
B.S.Ed.; *Education*

Janet S. Reitz, Columbus;
B.A.; *Communication*

David L. Rich, Marion;
B.S.Ed. (Taylor University); *Health
Education (Physical Education)*

Eric David Robinson, Utica;
B.I.E.; *English*

Robert McCollum Robinson, Jr.,
Houston, Tex.; B.A. (University of Texas
at Austin); *Psychology*

Rita Rae Root, Pickerington;
B.S.H.E.; *Education*

Mary Anne Russell, Sharon Center;
B.A.Ed. (University of Akron);
Communication

Timothy Wells Russell, Columbus;
B.Mus.Ed. (Northwestern University);
Music

Paul R. Sackett, Milwaukee, Wis.;
B.A. (Marquette University); *Psychology*

Roy J. Schlinkert, Cincinnati;
B.A. (University of Cincinnati);
Journalism

Carolyn Woodford Schmidt, Akron;
B.F.A. (Miami University); *History of Art*

Daniel Lee Schumacher, Pandora;
B.A. (Bluffton College); *Economics*

Clayton A. Scott, Statesville, N. C.;
B.A. (Winston-Salem State University);
Political Science

Joseph R. Seger, Sidney;
B.S.Ed.; *Physical Education*

Gail Ruth Setterfield, Cleveland;
B.Art Ed.; *Art Education*

Francine Sevel, Cleveland;
B.A. (Miami University); *Journalism*

Beverly Lynn Shaffer, Columbus;
B.A.; *Communication*

*Shirley Adele Shank, Dublin;
Communication

Stephanie Lasch Shaw, Newark;
B.S.Ed.; *Education*

Johnelle Lorraine Sherald,
Georgetown, S. C.;
B.S. (Saint Augustine's College);
Physical Education

Mark Allen Sherouse, Miami, Fla.;
B.A. (Florida State University); M.A.;
Education

Marilyn Hathaway Shore, Columbus;
B.S.Ed.; *Education*

Renée Deane Show, Zanesville;
B.Mus. (Ohio Wesleyan University); *Music*

Susan Lynn Shrimplin-Shoaf, Medina;
B.S.Ed. (Otterbein College); *Education*

Diane Elaine Shubert, Columbus;
B.S. (Baldwin-Wallace College); *Education*

Janis Carmell Shuller, Columbus;
B.S.Ed. (University of Virginia);
Communication

Barry Roy Silvey, Cleveland;
B.S.Ed.; *Education*

Michael Joseph Simonton, Dayton;
B.A. (University of Dayton);
Anthropology

Ali Asaad Sirhal, Columbus;
B.A.Bus.Ad. (Bowling Green State
University); *Business Administration*

Kenneth James Sluss, Pickerington;
B.A., B.S.Ed.; *Education*

Shirley Elaine Smith,
St. Michael, Barbados; B.A. (University of
the West Indies); *Education*

George Edward Steele, Columbus;
B.S.Ed.; *Education*

David W. Steinke, Groveport;
B.Mus. (Capital University); *Music*

Randall W. Sweeney, Salem;
B.S.Ed.; *Public Administration*

Terry Michael Thomas,
North Huntingdon, Pa.;
B.A. (Pennsylvania State University);
Political Science

Alton Thompson, Blounts Creek, N. C.;
B.A. (North Carolina Central University);
Sociology

Dora Fairchild Thompson, Columbus;
B.A. (Wittenberg University); *Journalism*

Francis Joseph Tokarsky, Jr., Dayton;
B.S. (Wright State University);
Public Administration

Michael William Torello, Jr., Columbus;
B.A. (Southern Connecticut State College);
Psychology

Jeffery Arnold Tracy, Columbus;
B.S.Ed.; *Physical Education*

Joyce Chibuzo Uche,
Abayi-Ngwu Ukwu, Nigeria;
B.A. (University of Nigeria); *Journalism*

Susanne Marie Vandemark, Columbus;
B.S.Ed.; *Health Education (Physical
Education)*

Mary Fodda Vaughn, Jersey City, N. J.;
B.A. (Saint Peter's College); *English*

Mary Josephine Lynch Vogeler, Columbus;
B.S.Ed. (Xavier University); *Education*

Diana Cobbs Walker, Columbus;
B.A. (Kentucky State University);
Education

William Garrett Walkup, Saxonburg, Pa.;
B.A. (Capital University); *Education*

Gerald Patrick Wallace, Columbus;
B.S.Ed.; *Education*

Susan Wegrzyniak Wasmund, Clifton,
N. J.; B.S.Ed.; *Physical Education*

Judy MariAn Watson, Upper St. Clair, Pa.;
B.S. (Purdue University); *Communication*

Mark E. Wenden, Worthington;
B.A.; *Anthropology*

Frank White, III, San Antonio, Tex.;
B.A. (Prairie View A & M University);
Journalism

Kipling D. Williams, Seattle, Wash.;
B.S. (University of Washington);
Psychology

Dorothy Gelane Wilson, Lockhart, Ala.;
B.A. (Stillman College); *Education*

Kathleen Meyer Windau, Lima;
B.S.Ed. (Miami University); *Education*

Richard Arthur Wolfson,
Valley Stream, N. Y.; B.S.Ed. (City
College); *Education*

Carlotta P. Workman, Zanesville;
B.S.Ed. (Ohio University); *Education*

Christine L. Yash, Poland;
B.S.Ed. (Miami University); *Education*

William Meredith Zeigler, Columbus;
B.S. (Bowling Green State University);
Education

Ann F. Zeligler, New York, N. Y.;
A.B. (Alfred University); *History of Art*

Master of Business Administration

Thirty-one candidates

Michael Alexander Armstrong, Cleveland;
B.B.A. (Ohio University);
Business Administration

William Michael Bridges,
San Francisco, Calif;
B.A.; *Business Administration*

Daniel P. Buettin, Columbus;
B.A. (DePauw University);
Business Administration

Gerald T. Campbell, Chillicothe;
B.A. (Bellarmine College);
Business Administration

Neville Caulfield, Van Wert;
B.S.M.E., M.S.; *Business Administration*

Mohamad Chandra, Dakarta, Indonesia;
B.A. (University of San Francisco);
Business Administration

Martin James Cinadr, III, Brecksville;
B.S.Bus.Ad.; *Business Administration*

Lloyd Charles Crissinger, III,
Prattville, Ala.;
B.S. (University of Alabama);
Business Administration

Kenneth M. Cymbal, Parma;
A.B. (Miami University); J.D.;
Business Administration

Albert Floyd Fillenwarth, Clearwater, Fla.;
B.S.Ind.Des.; *Business Administration*

William E. Gifford, III, Worthington;
B.A. (Tulane University);
Business Administration

Kazem Johar Hayat, Columbus;
B.B.A. (Ohio University);
Business Administration

Stephen Howard Hersch, Beachwood;
B.S.Bus.Ad.; *Business Administration*

Rochelle Benay Kaplan, Trotwood;
B.S.Bus.Ad.; *Business Administration*

Timothy A. King, Columbus;
B.S.Bus.Ad.; *Business Administration*

* Also Bachelor of Arts, Colleges of the Arts and
Sciences

Eric Russell Kingery, Newark;
B.S.Ed.; *Business Administration*

Donald Michael Kurdziel, Canton;
B.S.Bus.Adm.; *Business Administration*

James Edward Malinak, Cleveland;
B.S.Eng. (Case Western Reserve
University); M.S. (California Institute of
Technology); *Business Administration*

Leo E. McNeil, Jr., Columbus;
B.S.Bus.Adm.; *Business Administration*

James M. Meeth, Columbus;
B.S.Ed.; *Business Administration*

Thomas Michael Murnane, Columbus;
B.S.Bus.Adm.; *Business Administration*

Paul Taylor Myers, Delaware;
B.A. (Ohio Wesleyan University);
Business Administration

Gregory Ighekeraoya Okosun,
Ekpoma, Nigeria;
B.Sc. (University of Ibadan);
Business Administration

Davis Currier Palmer, Columbus;
B.S. (Miami University);
Business Administration

K. Wayne Robison, Port Matilda, Pa.;
B.S.Acct. (Pennsylvania State University);
Business Administration

Patricia Caiola Sabella, Columbus;
B.A. (Michigan State University);
Business Administration

James Richard Schneble, Dayton;
B.S.Acct. (Wright State University);
Business Administration

Frank Shulterbrandt, Jr.,
St. Thomas, Virgin Islands;
B.A.Bus.Adm. (Lincoln University);
Business Administration

Nageeb Abdalla Suleiman, Kinsman;
B.S.Bus.Adm.; *Business Administration*

Bruce Lee Thomas, Soda Springs, Fla.;
B.S. (University of Idaho); M.P.A.;
Business Administration

Masanori Yamaguchi, Nara-City, Japan;
B.Educ. (University of Tokyo);
Business Administration

Master of City and Regional Planning

Two candidates

Gary L. Bauer, Columbus;
B.A.; *City and Regional Planning*

Marilyn Jean Bauer, Columbus;
B.A.; *City and Regional Planning*

Master of Fine Arts

Two candidates

Kyu-Nam Han, Seoul, Korea;
B.F.A. (Seoul National University); *Art*

Karen S. Kunc, Ralston, Neb.;
B.F.A. (University of Nebraska); *Art*

Master of Labor and Human Resources

Two candidates

Dulce Arenas de Acosta,
Valencia, Venezuela;
B.B.A. (University of Wisconsin);
Labor and Human Resources

Jeffrey A. Windom, Columbus;
B.A.; *Labor and Human Resources*

Master of Music

Four candidates

Michele Florence Cleveland, Worthington;
B.A. (Oakwood College); *Music*

Jean Ann Knox, Logan;
B.Mus. (Capital University); *Music*

John Michael Smith, Virginia Beach, Va.;
B.Mus. (East Carolina University); *Music*

Roy Sonne, New York, N. Y.;
B.S. (Mannes College of Music); *Music*

Master of Science

One hundred and forty-six candidates

Zainol Rashid Ahmad,
Alor Setar, Malaysia;
Diploma (College of Agriculture); B.S.
(Louisiana State University); *Agronomy*

John Edmond Allison, Marceline, Mo.;
B.S.Eng.Mech. (United States Air Force
Academy); *Metallurgical Engineering*

Russell Hamilton Almond, Jr.,
Locust Grove, Va.;
B.S.E.E. (Virginia Polytechnic Institute);
Electrical Engineering

Hasan Abdul Azeez Al-Sanad,
Rumithiah, Kuwait;
B.Sc. (Ohio University); *Civil Engineering*

Nancy Schudel Amaral, Columbus;
B.S.Ed.; *Computer and Information Science*

Sharon Norwood Ambrose, Columbus;
B.S.Nurs. (Duke University); *Nursing*

S. Christopher Anderson, Logan;
B.S.Ed. (Ohio University);
Agricultural Education

Jane Ann Andrews, Rochester, N. Y.;
B.S. (Purdue University);
Allied Medical Professions

Kitty Banbury, Ashland;
B.S.Ed. (Ashland College);
Home Economics

Arjumand Bano, Karachi, Pakistan;
B.S., M.S. (Karachi University); *Physics*

Shirley A. Barr, Thornville;
B.S.Nurs. (Capital University); *Nursing*

James George Barrera, Mountaintop, Pa.;
B.Eng. (Stevens Institute of Technology);
Bio-Medical Engineering

Lewis Tucker Beman, Jr., Columbus;
B.S.; *Horticulture*

Vinod Sagar Bhatara, Columbus;
B.S., M.D. (All-India Institute of Medical
Sciences); *Psychiatry*

Allen E. Bingham, Cuyahoga Falls;
B.S.; *Zoology*

Brenda M. Bossetti, Columbus;
B.S.All'd.Hlth.Prof.;
Allied Medical Professions

Randal Lee Briggs, Woodville;
B.S.E.E. (Ohio Northern University);
Electrical Engineering

Sreedevi Krishnamurthy Bringi,
Bangalore, India;
B.S. (Bangalore University); M.S. in
Chem. (Indian Institute of Technology);
Atmospheric Sciences

Daniel Lee Brodowski, Kettering;
B.S.Nat.Res.; *Horticulture*

David Gene Brown, Woodbury, N. J.;
B.S. (Florida Technological University);
Mechanical Engineering

Dorothy Augsburg Brown, Zanesville;
B.S.Nurs.; *Nursing*

C. Barbara Brownsmith, Stamford, Neb.;
B.S. (University of Nebraska); *Zoology*

Ruth Ann Meachen Budd, Port Clinton;
B.S.Nurs. (Capital University); *Nursing*

Joseph A. Butler, Columbus;
B.S.Ed., B.S.Bus. (Miami University);
Zoology

Marcella Masters Calvert, Columbus;
B.S.H.E.; *Home Economics*

Larry E. Carter, Ansonia;
B.S.E.E.; *Electrical Engineering*

Richard Allen Carter, Hilliard;
B.S.Agr.; *Animal Science*

Cheng-Tsung Chen, Taipei, R.O.C.;
B.S. (National Taiwan University); M.S.;
Computer and Information Science

Yiu-Tong Joseph Chin, Vancouver, B. C.,
Canada; B.A. (California State
University); M.S.; *Biophysics*

Schiao Feng Chou, Taipei, R.O.C.;
B.S. (National Tsing Hua University);
Metallurgical Engineering

Timothy Keane Christman, Mansfield;
B.S.Met.E.; *Metallurgical Engineering*

Lale Cilenti, Whittier, Calif.;
B.A. (DePauw University); *Chemistry*

Edward D. Cobb, Waterloo, N. Y.;
B.S. (Cornell University); *Horticulture*

Ronald L. Covrett, Delaware;
B.S. (Colorado State University);
Computer and Information Science

Blaine Alan Crosser, Hanoverton;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

Susan Layfield Curtin, Ocean City, Md.;
B.S. (University of Alabama);
Home Economics

Kent Michael Daum, Marion;
O.D.; *Physiological Optics*

Kanok Dechavas, Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
Mechanical Engineering

Linda L. Delaney, Xenia;
B.S. (Wright State University); *Nursing*

Howard N. Deliman, Amherst;
B.A. (Case Western Reserve University);
Pathology

Brent Allen Dellacoletta, Smithfield;
B.S. (Muskingum College); *Chemistry*

Girish N. Desai, Columbus;
B.S. (Maharaja Sayarjiras University,
India); M.Sc. (University of Mysore,
India); *Horticulture*

Suzanne Barbee Dewoody, Columbus;
B.S.Nurs.; *Nursing*

Judy B. VanDemark Downey, Columbus;
B.S.H.E.; *Home Economics*

Betsy Lynne Dresser, Cincinnati;
B.S.; *Animal Science*

Thomas Spicer Eichelberger, IV,
Cincinnati; B.S.; *Physics*

Mary Bell Ericksen, Bellefontaine;
B.S.H.E.; *Home Economics*

- R. Allen Fazenbaker, Akron;
B.S.Agr.; *Agronomy*
- John Lloyd Fox, Appleton, Minn.;
B.S. (University of Minnesota);
Industrial and Systems Engineering
- Rita G. Freeman, Birmingham, Ala.;
A.B. (Talladega College);
Mechanical Engineering
- David C. Friesen, San Antonio, Tex.;
B.S. (Texas A & M University);
Industrial and Systems Engineering
- Beth Darlene Gamble, Caldwell;
B.S.H.E.; *Home Economics*
- Bryan Craig Gannis, Cleveland;
B.S.C.E. (Northwestern University);
Civil Engineering
- Miguel Angel Gonzalez, Madrid, Spain;
B.S.C.E. (University of Lowell);
Civil Engineering
- John L. Grangaard, Newark;
B.S. (Wisconsin State University); *Physics*
- James Lewis Haines, Montpelier;
B.S.A.A.E.; *Aeronautical and
Astronautical Engineering*
- Karen McCafferty Heath, Carroll;
B.S.H.E. (Ohio University);
Home Economics
- Melvin Leroy Heritage, Kent;
B.A. (Kent State University);
Computer and Information Science
- Edward Rolfe Herz, Radnor, Pa.;
B.S.Ch.E. (Princeton University);
Nuclear Engineering
- Richard James Hill, Xenia;
B.S.A.A.E. (Wichita State University);
*Aeronautical and Astronautical
Engineering*
- Julie Verna Holtfreter, Milwaukee, Wis.;
B.S.; *Nursing*
- Jane Harman Hooker, Columbus;
B.S.Nurs.; *Nursing*
- Dan Horak, Petah-Tiqwa, Israel;
B.S.M.E.; *Mechanical Engineering*
- Peter Mindah Hsu, Syracuse, N. Y.;
B.S.; *Computer and Information Science*
- *Jeffrey L. Hunter, Portsmouth;
Natural Resources
- Christine Mary Shock Hurak, Sidney;
B.S.Nurs. (Wright State University);
Nursing
- Maurice Irouler Imoh, Mbaise, Nigeria;
B.Sc. (University of Nigeria);
Geodetic Science
- Nancy Mei-Yuh Jao, Taipei, R.O.C.;
B.Ph. (Taipei Medical College); *Pharmacy*
- Lanny Alan Jines, Dayton;
B.S. (Rose-Hulman Institute of
Technology); *Aeronautical and
Astronautical Engineering*
- Randy Carl John, Vandalia;
B.S.; *Metallurgical Engineering*
- Bülent Kalpaklıoğlu, Ankara, Turkey;
B.S.I.S.E.; *Industrial and Systems
Engineering*
- Ira C. Kaplan, Cincinnati;
B.S.; *Veterinary Physiology and
Pharmacology*
- Daniel Elden Keathley, Worthington;
B.S.Nat.Res.; *Natural Resources*
- Beverly J. Keil, Cambridge;
B.S.H.E.; *Horticulture*
- Susan Gail Kestner, Brecksville;
B.S.H.E.; *Home Economics*
- Jin Soo Kim, Seoul, Korea;
Physics
- Songwon Koh, GeumSan, Korea;
B.S. in Pharm. (Seoul National
University); *Pharmacy*
- Timothy John Konfal, Columbus;
B.Sc. (Otterbein College); *Industrial and
Systems Engineering*
- James P. Kranek, Columbus;
B.S.Nat.Res.; *Natural Resources*
- Deborah Mow Kraus, Oakland, Calif.;
B.S. (University of California at Davis);
Home Economics
- Iona B. Ladson, Gahanna;
B.S.Nurs.; *Nursing*
- Judith Huckleby Lewis, Columbus;
B.S.Nurs.; *Nursing*
- Tai-pyng Lin, Taipei, R.O.C.;
B.S., M.S. (National Taiwan University);
M.S.; *Computer and Information Science*
- Mary Ellen Lloyd, LaVale, Md.;
B.S. (Wheeling College); *Computer and
Information Science*
- Linda Catherine Gerber Lucas,
St. Louis, Mo.; B.S.Nurs. (University of
Missouri); *Nursing*
- John K. Magiros, Athens, Greece;
B.S.E.E. (New York Institute of
Technology); *Electrical Engineering*
- William Leon Manz, Mansfield;
B.S. (Colorado State University);
*Agricultural Economics and Rural
Sociology*
- Robert John Marino, Philadelphia, Pa.;
B.A. (University of Pennsylvania);
Geology and Mineralogy
- Shirley M. McNamee, Xenia;
B.S.N. (Wright State University); *Nursing*
- Thomas F. Meade, Cincinnati;
B.S.Agr.; *Animal Science*
- Idana Marsa Phillips Merrick,
Winnfield, La.; B.S. (Northeast Louisiana
University); *Pharmacy*
- Wanda Carter Meyer, Columbus;
B.S.Bus.Adm. (Bowling Green State
University); *Home Economics*
- Bruce Paul Miglin, Evergreen Park, Ill.;
B.S. (University of Illinois);
Metallurgical Engineering
- Carl Edward Miller, Jr., Huntington,
W. Va.; B.S.C.E. (Ohio University);
Civil Engineering
- David J. Miller, Greensburg, Pa.;
B.S. (Duquesne University); *Computer and
Information Science*
- Lucinda Berry Moore, Washington, C. H.;
B.S.Agr.; *Agricultural Education*
- *John Edward Muske, Columbus;
*Agricultural Economics and
Rural Sociology*
- Donald E. Nopper, Akron;
B.S.M.E. (University of Akron);
Engineering Mechanics
- Richard Daniel Noyes,
Carmel Valley, Calif.;
B.S. (Denison University); *Botany*
- Young Oh, Kwangju, Korea;
B.S. (Chonnam National University);
Computer and Information Science
- Masaki Ohba, Tokyo, Japan;
B.Eng. (University of Tokyo); *Computer
and Information Science*
- Sandra Oliver, Columbus;
B.A.; *Computer and Information Science*
- Karen E. Pace, Cincinnati;
B.A. (Carleton College); *Geology and
Mineralogy*
- Jaded Paosopa, Bangkok, Thailand;
Diploma (Thai-German Technical
Institute); *Mechanical Engineering*
- Bryan Keith Pflug, Harmony, Pa.;
B.A. (University of Pittsburgh);
Computer and Information Science
- Dennis Ray Pittenger, Columbus;
B.S.Agr.; *Horticulture*
- *Cheryl Kathryn Ricketts, Pickerington;
*Agricultural Economics and Rural
Sociology*
- Jeffrey Myron Riddlebaugh, Tiffin;
B.S.E.E. (University of Michigan);
Electrical Engineering
- Robert Kirk Ridgeway, Miller Place, N. Y.;
B.S. (Springfield College); *Allied Medical
Professions*
- William Robert Roscoe, Sharpsville, Pa.;
B.S. (Westminster College);
Physiological Optics
- Glenn Michael Roy, Oakland, N. J.;
B.A. (Saint Michael's College); *Chemistry*
- Daniel J. Ryan, Columbus;
B.S.; *Electrical Engineering*
- Arlene Schmidt Samowich, Columbus;
B.S.; *Allied Medical Professions*
- David Howard Samples, Pedro;
B.S.Agr.; *Agricultural Education*
- Martin Leo Schmidt, Independence;
B.S. (Kent State University); *Agronomy*
- Bipin Chinubhai Shah, Bombay, India;
B.Tech. (Indian Institute of Technology);
Civil Engineering
- Leonard L. Shaw, Jr., Dunkirk;
B.S.M.E. (Ohio Northern University);
Mechanical Engineering
- Philip F. Sherburne, Great Falls, Mont.;
B.S.C.I.S. (University of Oregon);
Computer and Information Science
- John Justin Sherman, Arlington, Va.;
B.S. (Case Institute of Technology);
Electrical Engineering
- Steven Shook, Lexington, Ky.;
B.S.M.E. (University of Kentucky);
Mechanical Engineering
- John Dennis Shortridge, Sydney, Australia;
B.A. (University of Sydney); *Computer
and Information Science*
- Irfan H. Siddiqi, Columbus;
B.Sc., B.E. (University of Karachi,
Pakistan); *Civil Engineering*
- Bonnie L. Sommerville, Dayton;
B.S.Nurs. (Wright State University);
Nursing
- Douglas Allan Spilker, Reynoldsburg;
B.S. (Miami University); *Plant Pathology*

* Also Bachelor of Science in Natural Resources,
College of Agriculture and Home Economics
† Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics

Douglas A. Streett, Baltimore, Md.;
B.S. (Saint Mary's College of Maryland);
Entomology

Lloyd Paul Svedersky, Columbus;
B.S.; *Microbiology*

Jana Liane Emslie Swisher, Columbus;
B.S.Nurs. (Indiana University); *Nursing*

Yih-Shin Tan, Taipei, R.O.C.;
B.Sc. (Fu-Jen Catholic University);
Computer and Information Science

Sergio L. A. Teixeira de Carvalho, Sao
Paulo, Brazil; Bachelor (United
Metropolitan College); *Agricultural
Economics and Rural Sociology*

Ratana Thienlikit, Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
Electrical Engineering

Glenn Hill Timson, East Alton, Ill.;
B.S. (Eastern Illinois University);
Geology and Mineralogy

Maria I. Viñas Toledo, San Juan, P. R.;
B.S.Bus.Adm. (University of Puerto Rico);
Computer and Information Science

Alberto J. Torres, Ecuador;
Mech.Engr. (Escuela Superior Politecnica
del Litoral); *Metallurgical Engineering*

Craig Allen Tribuzi, Copley;
B.S.E.E.; *Electrical Engineering*

William Richard Turner, New York, N. Y.;
B.S. (Case Institute of Technology);
Chemistry

John Allen Ulmer, Thornville;
B.S.Agr.; *Agricultural Education*

Bruce Edward Urbschat, Columbiana;
B.S.; *Mathematics*

Milo Albert Walsh, Montrose, Mich.;
B.A. (University of Michigan);
Computer and Information Science

J. Caroline Warling, Columbus;
B.A.; *Preventive Medicine*

Cathy Lee Weiss, Rocky River;
B.A. (Sweet Briar College);
Environmental Biology

Neil Andrew Wells, Troy, Mich.;
B.A. (Albion College); *Geology and
Mineralogy*

Dennis Leonard Werth, Chicago, Ill.;
B.S. (University of Illinois);
Metallurgical Engineering

Peggy Wingard, Port Arthur, Tex.;
B.A. (University of Texas at Austin);
Entomology

Charles W. Wood, Jr., Sheridan, Ark.;
B.S.E.E. (University of Arkansas);
Electrical Engineering

Charles Thomas Worley, Leesburg;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

Karen Bogan Wright, Bucyrus;
B.S.H.E.; *Home Economics*

Master of Social Work

Thirteen candidates

DonnaLee Mary Atkinson, Columbus;
B.A. (University of Windsor); M.A.;
Social Work

Melvin Crawford, Dillon, S. C.;
B.A. (Benedict College); M.A.;
Social Work

Stephen Andrew Hedge, Worthington;
B.S., M.A.; *Social Work*

John Coghlan Hitchner, Yardley, Pa.;
B.S. (Pennsylvania State University);
Social Work

Donald William Howard,
North Caldwell, N. J.;
B.A. (Ohio Northern University); M.A.;
Social Work

Carolyn Stewart Lay, St. Louis, Mo.;
B.A. (Fisk University); M.A.; *Social Work*

John H. Mahaffey, North Hampton;
B.A. (University of Akron); M.A.;
Social Work

Barbara Maxine McIntosh, Camden, S. C.;
B.A. (Hampton Institute); M.A.;
Social Work

Keetjee Joy Ramo, Dayton;
B.S. (University of Puget Sound);
Social Work

Douglas Lansing Sadler, Charlotte, N. C.;
B.A. (Winston-Salem State University);
M.A.; *Social Work*

Janet Lynn Tyree, St. Albans, W. Va.;
B.S. (West Virginia State College); M.A.;
Social Work

James C. Williams, Columbus;
B.S.Soc.Wel., M.A.; *Social Work*

Loretta Lorraine Young, Coatesville, Pa.;
B.A. (Lincoln University); M.A.;
Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Colin B. B. Bull

Vice Provost for the Arts and Sciences:
Thomas A. Wilkie

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Fourteen candidates

Mary Yolanda Czech, Parma
Elmer DeWayne Denman, Ohio City
James Todd Fisher, Columbus
Peter D. Fraser, Columbus

Roger J. Gebhart, New York, N. Y.
James C. Kalb, Walled Lake, Mich.
Marcia R. Knoblauch, Columbus
Douglas A. Martin, Columbus
Esther Mae Nester, Grove City
Judith Ann Orr, Akron
Robert C. Parker, III, Columbus
Paula Jayne Wagner, Columbus
Gary Russell Wightman, Avon Lake
Henry L. Williams, Columbus

Bachelor of Fine Arts

Nine candidates

Jennifer Maunsell Banks, Canal Winchester
Gayle Renner Barnes, Columbus
Larry Franklin Cheek, Columbus
Patricia Souders Cohen, Columbus
Rebecca Ann Hall, Columbus
Margaret Katherine Horton, Columbus
Lori Jane Morgan, Columbus
Lisa Marie Stark, Columbus
Ailene Isabel Totten, New Lexington

Bachelor of Music

Two candidates

Michelle D. Katzenbach, Columbus
Thomas Seelbach, Columbus

Bachelor of Art Education¹

Nine candidates

Peggy Jo Abell, Medina
Laura Ann Burns, Rocky River
Rosalie Ann Federico, South Euclid
Janet Susan Helwagen, Circleville
Molly Marie McNamara, Columbus
JoAnn Pardi, Columbus
Jean Marie Reilly, Cleveland
Paula Ann Stover, Convoy
*Diane Tope Williams, Westerville

Bachelor of Music Education¹

Seven candidates

Charles Auston Campbell, Jr., Cleveland
Jennifer Ann Fairchild, Columbus
John David Felmet, Winterville
Donald Scott May, North Olmsted
Gordon Ray Nicely, Carroll
Mary Diane Pratt, Columbus
Jeffrey Stephen Spann, Columbus

Bachelor of Science in Industrial Design

Three candidates

Benjamin F Goldstein, Cincinnati
Gary William Internicola, Lewiston, N. Y.
Paul Robert Lusk, Dayton

¹ Bachelor of Art Education and Bachelor of
Music Education degrees are offered jointly by the
College of the Arts and the College of Education
* Also Bachelor of Arts, Colleges of the Arts and
Sciences

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Four candidates

Gabor Hegedus, Marion
Lisa Ann Ketron, Eaton
Thomas James Lekan, Columbus
Warren Leslie Wright, Columbus

Bachelor of Science

Forty candidates

Parine Hassan Al-Jaddo, Baghdad, Iraq
Richard Shively Back, Dayton
Mark A. Blackburn, Westerville
Clifford Lloyd Boggs, Youngstown
Mark Frederick Carter, Canton
Grace I-May Chang, Columbus
Victor B. Ciancetta, Steubenville
Charles William D'Aiuto, Columbus
Alan Richard Fark, Sidney
Thomas James Frietch, Norwood
Michael John Gloriosio, Amherst
David Garnold Green, Akron
Richard Carroll Hart, Grove City
Donald R. Henry, Columbus
Kenneth Fred Kerstein, Columbus
Hans Frederic Knapp, Springfield
Ronald William Komyati, Aurora
Clifford Henry Lehr, Columbus
Robert Alan Leshner, Columbus
Judith Levine, Bronx, N. Y.
Walter Alan Mendyka, Coshocton
Charles Taylor Migletti, Huron
Michael Robert Perl, Columbus
Mona L. Reed, Columbus
Kitty Ann Reninger, Columbus
David Matthew Rolsten, Lima
Richard Paul Rood, Columbus
Thomas C. Sheley, Columbus
Benjamin Samuel Simon, Salem
Teresa Ann Smith, Painesville
Theresa Ann Sobczak, Perrysburg
Craig J. Stripe, Barboursburg
Jack Edward Theaker, Columbus
Donald Harvey Thomay, Lakewood
Timothy A. Walker, Broadview Heights
Catherine L. Watson, Union
Jeffrey David Wyatt, Cincinnati
Steven Charles Yeger, Columbus
Steven Edward Young, Waynesfield
Carol J. Zimmerman, McDonald

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

Forty-eight candidates

Brad James Attewell, Parma
Carol E. Banks, Cincinnati
Carol A. Bartholomew, Columbus
Douglas Clark Bates, Blanchester
Stephen Edward Beickelman, Columbus
Dorothy Sarcone Benson, Cardington
Vanessa Elaine Brogdsdale, Columbus
Suzan Corbacioglu, Rittman

Anna-Maria L. Crum, Littleton, Colo.
Julia Marie Davis, Columbus
Jonathan Lewis Etherton, Columbus
Gregory Alan Gabbard, Columbus
Marjorie Ann Garrett, Columbus
Helen Marie Gomez, Columbus
Kenneth B. Johnson, Miamisburg
Karen Marie Kay, Livonia, Mich.
Michael L. Kohr, Columbus
Rosemary Konen, Canton
Dianna Schneider Last, Winter Park, Fla.
Richard Todd Luoma, Englewood
Georgia K. Mase, Columbus
Beth Neumann Masterson, Columbus
Robert Style Milner, Columbus
Daniel Francis O'Connor, Ashtabula
Mine Oya Oktener, Columbus
Gabriella Petrovics, Columbus
Ramona Irene Powell, Burton
Malia Michelle Richardson, Anna
Glenda Lee Roberson, Lima
Paul D. Rooney, Columbus
Robert Lyle Sanders, Columbus
David Fox Sandmel, Cincinnati
Jody Ann Schmidt, Worthington
Deborah Jane Schneider, Worthington
Maxwell C. Seymour, Madison
Carol Ann Shaper, Columbus
Michael Ray Simpkins, Columbus
Dianne Small, Columbus
Richard Stuart Straw, Marion
John Michael Strawser, Columbus
Melanie Sue Timmers, Middletown
Mary Ellen Wade, Dover
Pamela Cochran Waldo, Columbus
Gregory Steven Wallace, Columbus
Brad Weidman, Worthington
Linda L. Weiss, Columbus
Raechell Williams, Columbus
Kenneth Edward Willis, Cincinnati

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

One candidate

Kimberly Jo Kline, Eugene, Ore.

Bachelor of Science

Nineteen candidates

Keith Douglas Bailey, Columbus
Michael James Balint, Columbus
Ronald C. Becker, Cincinnati
Jack Michael Biddison, Columbus
Gary Lee Brock, Defiance
James S. Daubenmire, Lancaster
Dennis Thomas Daugherty, Warren
Douglas E. Davis, Columbus
Bruce Edward Hart, Racine
Ralph Wesley Hennen, Columbus
Michael Dean Hogg, Kirtland
Carl S. Lizza, Columbus
Edwin L. Martin, Columbus
Marlin W. Meier, Apple Creek
Patrick J. Ricivuto, Columbus
Rhonda Lareha Roberts, Shelby
Donald Richard Schmitt, Columbus
Gail Ann Traver, Columbus
Mary Louise Zangerle, Columbus

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and fifteen candidates

Susan Ruth Abrams, University Heights
Jacklyn H. Ack, Columbus
Barbara H. Akers, Columbus
Donald Alan Alexy, Parma
Susan Marie Ambrose, Euclid
Alan Marc Atkinson, Granville
Fatica Diana Ayers, Columbus
Alan Gale Bailey, Columbus
Caryl Anne Barga, Troy
Beula McDonald Barkes, Delaware
Bonnie Dee Behrend, Willingboro, N. J.
Joseph Anthony Bellino, III, Youngstown
Ruth C. Boice, Columbus
Denise Lynn Bonnalie, Elyria
Laura Eileen Brenner, Seven Hills
Randy James Bryant, Hamilton
Jon Michael Cermak, Solon
Ulrich John Claassen, Columbus
Jane Flewellen Clark, Chappaqua, N. Y.
Mary M. Clark, Columbus
Yvonne Reinette Cleverly, Canfield
Cathy Lynne Collins, Columbus
Marga Ann Connors, Carmel, N. Y.
Betty J. Crafter, Dayton
Andrea S. Walker Craver, Columbus
Kathleen Cyrgalis, North Olmsted
Jennifer Dale, Columbus
James C. Darst, Columbus
Jill Ann Davison, Poland
Keith Alan Diebel, Alliance
Ann Christine Distelzweig, Columbus
Diann Donaldson, Columbus
Ralph Edward Dotson, Jr., Dayton
Martin William Drabek, Parma
Peter Laurence Eason, Scarsdale, N. Y.
Beatrice Kay English, Mansfield
Michael Leo Farrenkopf, Columbus
Angela Joos Fasone, Columbus
Timothy Edward Fay, Cincinnati
Joe Ferguson, Versailles
William W. Friday, Columbus
Peggy Sue Fuss, Gahanna
Mary Margaret Goepfert, Columbus
Lucy Gonzalez, Columbus
Chester A. Gooding, Jr., Columbus
Robin May Goren, Hempstead, N. Y.
Richard Alan Greeley, Reynoldsburg
Stuart Louis Grossman, Columbus
Anthony M. Hall, Columbus
Jerome Hamilton, Columbus
David Lloyd Harding, Pittsburg, Pa.
John David Harris, Columbus
Stephanie Ellen Harris, Mt. Vernon
Lloyd John Hemmert, Jr., Euclid
Jacqueline Marie Hetrick, Mansfield
Carl Hicks, Jr., Mansfield
Bradley Lyle Hillyer, Uhrichsville
Susan Elizabeth Hodapp, Lebanon
Susan N. Holub, Columbus
Nancy Renae Hoover, Pierpont
Diane Rebecca Horner, Norwalk
Craig H. Hubler, Granville
Tollie Ann Hunsucker, Columbus
Anita L. Jamiel, Cambridge
Myra P. Johnson, Columbus
Julie Suzanne Kassel, Bay Village
James Edward Koster, Sacramento, Calif.
Cynthia Ann Lacy, Enon
Gordon Allen Lane, Warrensville

† Also Bachelor of Science in Education, College of Education

Lee Morrison Leighner, Columbus
 Peter Hugh Lewis, Columbus
 Michael Ray Linnabary, Columbus
 *Joseph P. Lombardo, Ashville
 William Reid Lutz, Columbus
 Richard Marcus, Mansfield
 Robert Fleming Markley, Columbus
 B.S. (Dickinson College)
 Earl Vernal Masterson, II, Columbus
 Dennis Del McClelland-Sherman, Columbus
 Barbara Anne Minch, Rocky River
 Lorraine Lynn Minutilli, Columbus
 Leslie Anne Nardone, Columbus
 Joe Anthony Newberry, Portsmouth
 Deborah Ann Noll, Columbus
 Annette Frances Orlando, Wickliffe
 Demetria Tacey Papacure, Columbus
 John R. Pellington, Columbus
 Paul Douglas Pesses, Pepper Pike
 James Anthony Pritchett, Columbus
 Brian W. Quelette, Columbus
 Donald W. Ragland, Columbus
 Linda Gail Schoen, Dublin
 Craig Alvin Schottenstein, Columbus
 Stephen William Schwind, North Royalton
 *Shirley Adele Shank, Dublin
 Ralph Daniel Shively, DeGraff
 Betsy Katherine Shook, Columbus
 Joan Marie Simons, Elida
 David Wayne Smith, Newark
 James Phillip Smith, Kettering
 Gregory E. Snyder, Columbus
 Edward M. Socie, Columbus
 Janet Lee Spellerberg, Tiffin
 Cynthia S. Spillers, Columbus
 Dwight Stevers, Jr., Gallipolis
 Roslyn Irene Stewart, Cleveland
 Elizabeth Jane Surrey, Rochester, N. Y.
 Sandra Witschy Sutton, Bellefontaine
 Judith I. Thomas, Whipple
 Barbara A. Turner, Worthington
 Anne M. Valentine, Findlay
 Jack T. Welsh, Stone Creek
 Susan Marie Wheeler, Sylvania
 *Diane Tope Williams, Columbus
 Pamela Lynn Wojta, Columbus
 Anthony G. Zona, Columbus

Bachelor of Science

Twelve candidates

Newton Clyde Albert, III, Washington, Pa.
 Suzanne P. Donahue, Pittsburgh, Pa.
 Daniel Sylvester Eckhart, Miamisburg
 Scott B. Lowry, Kettering
 Debby Froebe Merritt, Delaware
 Peggy Dee Neff, Marion
 Matthew Walter Plummer, Lancaster
 Luray Ann Robertson, Dayton
 Eileen Michele Smith, Columbus
 Sanford Louis Starr, Columbus
 Michael Tipson, Cincinnati
 Mark Vincent Willey, Columbus

Bachelor of Arts in Journalism

Thirty-seven candidates

Cassandra Clancy Balthazar, Columbus
 Louis H. Bedford, Winterville
 Monica Chenaunt, Cincinnati
 David Clouston, Columbus
 B.S.
 Nancy L. Daniels, Mentor
 Leslie Charles Davis, Delaware
 Randal LeRoy Donelson, Ashland
 Marilyn Ann Gewax, Campbell
 Jeanne M. Gibbons, Columbus
 Beth A. Golding, Toledo
 Donald Herbert Grant, II, Columbus
 Sydney Jane Hall, Columbus
 Henry Menachem Hartstein, Zanesville
 Jerome Hayes, Toledo
 Darla Jean Holtkamp, Mansfield
 John R. Hurlbut, Lyndhurst

Jane J. Koleff, Mansfield
 Patricia A. Lalama, Columbus
 Catherine Ann Lavender, Dayton
 John Harold Law, Utica
 Cecelia Renee Lucas, Cleveland
 Lawrence W. Lukach, Columbus
 Michael W. McKinney, Liverpool
 Daniel B. Menerey, Findlay
 William Kenneth Meyer, Akron
 Margaret Ruth Mink, Columbus
 Robin Elizabeth Pond, Elyria
 David S. Powell, Columbus
 Stephen Ray Proctor, Ashland
 Earl Spencer Rinehart, Columbus
 Leslie Jean Stein, Steubenville
 Vaughn Craig Taylor, Dayton
 Joyce Tracwell, Columbus
 J. Daniel Vandevelde, Columbus
 Janet Lynette Walsh, Creve Coeur, Mo.
 Kelly Edwin Winslow, Lithopolis
 Steven Joseph Zimmer, Wadsworth

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and seventy candidates

Mark Jay Adelsperger, Carey
 Ziyad Mohamad Al-Hajj, Beirut, Lebanon
 Frederick C. Altenburg, Worthington
 Charles Barnum Bagwell, Dayton
 Norman Edward Balvin, Westlake
 Jay Richard Bammerlin, Rocky River
 Thomas Donald Bang, Cincinnati
 Daniel Robert Barr, Mansfield
 Cynthia Lou Barton, Columbiana
 Greco Roineil Battles, Columbus
 Patricia Carter Beale, Columbus
 William Douglas Bebb, Diamond
 *Mark Paul Biefeld, Newark
 Reginald Eric Black, Akron
 Melissa Ann Bowers, Steubenville
 Eileen Kail Breckstein, Columbus
 William Dale Brevoort, Columbus
 Todd Aaron Brooks, Perrysburg
 Jeffrey Paul Brown, Columbus
 John Allen Burnes, Columbus
 James Russell Campbell, Columbus
 Dana Edward Carr, Pataskala
 Kevin Scott Christopher, Portsmouth
 Gary Lynn Clark, Newark
 Timothy Olean Clark, Lima
 Gary Bernard Clarke, Dayton
 Timothy Lewis Clarke, Hamilton
 Mark Christopher Colley, Fairborn
 Carl F. Columberg, Bellefontaine
 Thomas G. Cover, Columbus
 Stephen Hugh Crabb, Columbus
 Douglass Brent Craig, Gahanna
 Jody Ellen Croley, Worthington
 James Bamberger Cross, Canton
 Chester Braden Daugherty, Ashland
 Carol Ann Decker, Worthington
 Ralph Charles DeFranco, Bedford Heights
 Randall Jon Demjan, Campbell
 James Allen Dittus, Crestline
 James Patrick Donlon, New Albany
 Ivan Drinks, Cincinnati
 Raymond Lee Dumas, Jr., St. Louis, Mo.
 David Craig Dupler, Mt. Perry
 Jeffrey Paul Emmerling, Warren
 Robert Eugene Everly, Marion
 Douglas Keith Ewing, Columbus
 Kerry Alan Falkner, Springfield

James W. Feasel, Pataskala
 Robert Bruce Fell, Cleveland
 Eugene Nicholas Ferraro, Geneva, N. Y.
 Eric B. Fingerhut, Woodmere, N. Y.
 David Lynn Frank, Lodi
 Douglas Grant Gels, II, Marion
 Jeffrey Brennan Gerd, Piqua
 Donald Lee Gleich, Jr., Columbus
 Garry Lee Gohring, Columbus
 Alison Kay Gott, Brook Park
 Dexter Irwin Gregory, Worthington
 William Todd Greiner, Dublin
 Barbara Louise Gutzman, Columbus
 Michael Charles Hamlin, Lyndhurst
 Wayne Paul Harrison, Portsmouth
 Otto Frederick Henkel, Jr., Cincinnati
 B.S.Agr.

Jeffery David Henry, Versailles
 John David Hidy, Jeffersonville
 Jeffrey Robert Hill, Columbus
 Caroline Dee Himes, Columbus
 Richard Hocking, East Liverpool
 Randolph Charles Hoffman, Strongsville
 Robert Lee Hogle, Toledo
 Nancy Sue Holtzmuller, Farmersville
 John Horowitz, Niles, Ill.
 Dale Lynn Howell, Cambridge
 Steven Riter Hughes, Newark
 Elizabeth Ellen Hune, Poland
 Gary Lloyd Hurst, Westlake
 Eugene Richard Iacovetta, Columbus
 Mark David Jennings, Columbus
 Barbaree Johnson, Massillon
 Douglass Alan Johnson, Lima
 Yun-Lung Kao, Farmington Hills, Mich.
 Lisa Marie Karam, Columbus
 Jeffrey David Kelly, Columbus
 Thomas Richard Kelting, Rocky River
 Gordon Andrew Kendall, Salem
 David Lee King, Reynoldsburg
 Pedro Gundel Koe-Krompecher, Caracas, Venezuela
 Ronald Anthony Kowler, Westerville
 Nancy Marie Kreinbrink, Ottawa
 Keith Edwin Krieger, Bellefontaine
 Frederick Richard Kruse, Columbus
 Michael Pat Krysiak, Willowick
 Jo Ann Kunderer, Columbus
 Robert Edgar Lambert, Columbus
 Gary A. Lawn, Columbus
 David Hering Leffler, Massillon
 Stanley Andrew Lewis, Columbus
 Donna Lynn Little, Columbus
 William Michael Locke, Columbus
 Donna R. MacMeans, Cincinnati
 William Fish Marsteller, III, Fairview Park
 Stephen R. Martin, London
 Joanna Marie Mattozzi, Bellaire
 Alan Howard McCall, Barborton
 Jack William McCarrick, Mansfield
 John Richard McKinney, Zanesville
 Phil Brent Messenger, Prospect
 Allan Lee Metcalf, Groveport
 Martin Scott Metzker, Columbus
 Alan Jeffrey Miller, Reading, Pa.
 Douglas Carl Miller, Lima
 Michael Joseph Monahan, Ashland
 Charles Wesley Morrison, Zanesville
 Bryan Ronald Newman, Akron
 Charles Richard Noble, Clarksburg
 Kristy Anne Nugent, Newark
 Darroll Gene Patterson, Newark
 Rebecca Susan Pearce, Akron
 Albert John Phillips, Tiro
 Ruth Ann Phillips, Attica
 James Russell Pierce, II, Columbus
 Mark Raymond Polley, Columbus
 David Thomas Porter, Kettering
 Charles Russell Porteus, Aurora
 Joseph Gene Posani, Columbus

* Also Bachelor of Science in Education, College of Education

1 Also Master of Arts, Graduate School

2 Also Bachelor of Art Education, College of Education

† Degree awarded posthumously

Steven Blake Quincel, Whitehall
 Michael David Quinn, Sandusky
 Donald James Radkoski, Columbus
 Bart William Rahe, Wadsworth
 Virgil Clinton Ray, Columbus
 Paul Anthony Reeser, Circleville
 Jean Lynn Richardson, Galloway
 D'Arle Keith Riningier, Columbus
 Crystal Lynette Roberts, Columbus
 William Lee Roberts, Marion
 Joseph Peter Roman, Chesterland
 Richard Alan Ross, Mansfield
 Ralph Orman Russell, Worthington
 Robert William Rutherford, Reynoldsburg
 Scott Martin Schafer, Pittsburgh, Pa.
 David Wesley Schmearsal, Columbus
 William Howard Schroeder, Lima
 Craig Robert Sedoris, Springfield
 Vickie L. Seitz, Norwalk
 Teresa Jean Sherrard, Columbus
 Wayne Matthew Smith, Cincinnati
 Raymond Leslie Stump, Columbus
 Rick Alan Sutton, Newark
 Wayne Eugene Swift, Jr.,
 Morgantown, W. Va.
 Stephen Francis Taylor, Nelsonville
 Cynthia L. Thomas, Columbus
 Marion Ray Troyer, Sugarcreek
 Stephen Jack Vasko, Columbus
 Robert Alan Vondran, Delphos
 Ralph John Vrana, Jr., Berea
 Gregory Daniel Waina, Mentor
 William Wade Walker, Dublin
 Karen Ann Wall, Columbus
 Craig Geoffrey Wallace, Kettering
 Randy Richard Watson, Columbus
 Stephen Gilliam Wells, Newark
 Thomas William Welsh, Columbus
 Craig W. Whitney, Westerville
 Edson Hay Wilson, Westerville
 Tim Dennison Woosley, Columbus
 John Timothy Wrigley, North Canton
 Steven M. Yorde, Columbus
 Kathryn Elaine Young, Columbus
 Rita Karen Zara, Mansfield
 Scott Eric Zeek, Zanesville

Bachelor of Science in Labor and Human Resources

Two candidates

Rodney Howard Adams, Columbus
 Colleen Kay Yoder, Walnut Creek

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Eighty-one candidates

Lisa Louise Baden, Hamilton
 Roger Donald Baden, Napoleon
 Paul Joseph Baith, Sellersville, Pa.
 Louis David Balyeat, Van Wert
 Mark Henry Beiting, Cincinnati
 Leo Francis Camp, Hicksville
 Rollin B. Cockley, Mansfield
 Barbara Ann Corcoran, McConnelsville
 Joe Allen Cory, Frankfort
 Timothy Allen Cox, Adams Mills
 Paul Andrew Davidson, Granville
 William Robert Davis, Jr., Columbus

Richard Lee Dawson, Columbus
 Dennis DeGeorge, Columbus
 A.A. (Atlantic Community College)
 Anna Marie Diefenthaler, Columbus
 Barbara Williams Ellis, Columbus
 B.A. (Kenyon College)
 Mark Michael Evans, Brooklyn Heights
 Mark William Farnham, Toledo
 John Bradley Flemm, Akron
 Thomas William Frank, Columbus
 Roger Lynn Fritch, Marion
 Heidi Belinda Hand, Mansfield
 Thomas Joseph Harrison, Columbus
 James William Hesselbrock, Columbus
 Michael Robert Hill, Columbus
 Ann Hobstetter, Centerville
 Brad Lee Humrichouser, Polk
 Jon Robert Johnson, Williston
 A.A.S.
 Joseph Michael Julian, Columbus
 David Orland Kelch, Urbana
 A.A. (Broward College)
 Brian Austin Kimmel, Boardman
 Richard Paul Krupp, Tiffin
 Theodore Steiger LaDue, Newport, N. Y.
 Amy Jane Lagusch, Mentor
 Susan Marie Lambert, Grove City
 Steven Francis Lewan, Sylvania
 Gregory Lyle Litwiller, Newark
 Leslie Jo Martinez, Columbus
 Randall Claude Masterson, Somerset
 Steven Randle McGuire, Columbus
 Denise Loretta Megiel, Douglaston, N. Y.
 A.A.S. (State University of New York
 Agricultural and Technical College
 at Cobleskill)
 Kenneth Randolph Meier, Patterson, N. Y.
 A.A.S. (State University of New York
 Agricultural and Technical College
 at Cobleskill)
 Alan Elmer Miller, Norwalk
 Thomas Joseph Minch, Rocky River
 James Scott Moser, Dalton
 *John Edward Muske, Columbus
 Randy William Osterstock, Columbus
 Brian Ivan Peach, Norwich
 Paul Mark Pepple, Arlington
 Juan Francisco Pieters,
 Guatemala City, Guatemala
 Rita Gail Pinney, Martinsville
 Lennita Sue Polenz, Centerburg
 Paul Michael Prospal, Solon
 William Ralph Reed, Newark
 Lawrence Ralph Reese, Jr., Niles
 Jerry Lee Rhoads, Columbus
 Michael Dale Rhoads, Hillsboro
 William Hamilton Richardson, Cleveland
 *Cheryl Kathryn Ricketts, Pickerington
 Robert Douglas Riffe, Columbus
 David Keith Rondot, South Whitley, Ind.
 Donald Junior Root, Columbus
 Douglas James Schmale, Cleveland
 A.A.S.
 Joseph Jay Sowards, Chillicothe
 Elizabeth Allen Shuttleworth, Columbus
 Dora Jean Skinner, Watersville
 Thomas Craig Stemm, Zanesville
 David Wayne Sitzlein, Loudonville
 Keith Allen Stoll, Wooster
 Mark Alan Storey, Columbus
 Robert William Stroup, Warren
 Mary Rose Tekancic, Garfield Heights
 Clifford Samuel Turner, Delaware
 Donald Eugene Verhoff, Ottawa
 Mark Milhahn Walker, Newbury
 James Robert Wallace, Columbus
 Gary Mark Wessel, Bay Village
 Warren Lee Wilson, Worthington
 Geary Milton Wise, Fremont
 Lisa Louise Youngquist, Atlanta, Ga.

Bachelor of Science in Food Science

Two candidates

James Reed Brooks, Winterville
 Scott Alan Fineman, Columbus

Bachelor of Science in Food Technology

Two candidates

Ferdinand Vincent Huber, III, Columbus
 B.S.Nat.Res.
 Paul Edward Jonard, Caldwell

Bachelor of Science in Nutrition

One candidate

Randy Carl Lynn, Akron

School of Home Economics

Bachelor of Science in Home Economics

Forty-three candidates

Christina Lynn Banks, Columbus
 Susan Lynn Berry, Columbus
 Mary Beth Bobel, Lorain
 Melia Jean Burriss, Niles
 Donna Gay Carpenter, Seaman
 Kimberly Danaceau, Chagrin Falls
 Phyllis Davenport, Columbus
 Karen Marie Dennis, Columbus
 Melanie Ravelly Donnelly, Columbus
 Nancy Jean Durant, Columbus
 Carolyn Sue Geidenberger, Newark
 Annabelle B. Helmreich, Worthington
 Linda Christine Hill, Cleveland
 Sandra Marie Jacobs, Mansfield
 Lynn Therese Johnson, Berea
 Patricia Kay Kilfian, Raymond
 Karen Lynn Kuzmiak, Worthington
 Donna Jean Larimer, Reynoldsburg
 Melissa Anne Larson, North Canton
 Carla Lynn Lawrence, Westerville
 Tammara Marita Lee, Baltimore
 Sandra Gail Leibrock, Jefferson
 Loretta Jean Leuby, Portsmouth
 Joyce Ann Linder, Edison
 Elizabeth Ann Maiberger, Columbus
 Thekla Jean McCoy, Belpre
 Linda Lou McKenzie, Dayton
 Joyce Ann McMahan, Marion
 Sue-Ellen Mess, Shelby
 Vivian Renee Mills, Cincinnati
 Susan Virginia Vayda Mitchell, Bay Village
 Deborah Susan Prill, Cleveland
 Anne Elaine Rees, Washington C. H.
 Elaine Faye Riley, Columbus
 Catherine Marie Rogers, Columbus
 Vicki Lynn Schafer, Kettering
 Sue Ann Schaffer, Ironton
 Melanie Kathleen Adams Scott,
 Fort Jennings
 Karen Sue McDonald Smith, Mt. Vernon
 Catherine Elaine Snider, Lebanon
 Cynthia Sue Stewart, Worthington
 Barbara Astrida Trupovnieks, Hopedale
 Gay Ann VanReyendam, Brook Park

School of Natural Resources

Bachelor of Science in Natural Resources

Forty-four candidates

John Harrison Albrecht, Columbus
 Paul Raymond Baldrige, Ironton
 Marlin Emil Bartholomew, Columbus

* Also Master of Science, Graduate School

Richard Joseph Cates, Cincinnati
 Daniel Thomas Chase, Cleveland
 Mark Ranshaw Davis, Hilton Head Island, S. C.
 Mark Douglas DeBrook, Maumee
 Robert Albert Dorinsky, Columbus
 Michael Walter Edmundson, Dayton
 Nancy Rebecca Felblinger, Oxford
 James Hart Glass, Jr., Columbus
 Robert Clayton Guth, Bloomfield, N. J.
 Joseph Walden Hartline, Cameron
 Jeffrey Allen Hoyle, Columbus
 *Jeffrey Lynn Hunter, Portsmouth
 William Jonathan Kapus, Canfield
 Carl Edward Kipp, III, South Charleston
 Joseph Graham Kircher, Columbus
 Scott Cameron Kirk, Columbus
 Laurie Groff Knight, Columbus
 William Charles Likens, Columbus
 Carl Joseph Linz, Cincinnati
 James Chester Lynch, Columbus
 Carl Edward Miller, Canton
 Patricia Ann Mitchell, Burgoon
 Don Joseph Mutchler, Genoa
 Russell Sheldon Nellis, Columbus
 Robert John Nickerson, Cincinnati
 Timothy Nordhaus, Ottawa
 Russell Victor Pritchard, Jr., Berea
 Paul Joseph Pryor, Columbus
 David Michael Reale, Pickerington
 John Douglas Reys, Solon
 Constance Ann Schneider, Berea
 Jack Fred Schwarz, Ottawa
 Elise Simons, Columbus
 Michael Anthony Steiner, Coshocton
 Thomas George Tugend, Fredericktown
 Vicki Layne Wilkins, St. Paris
 Roger Allen Williams, Belpre
 Daniel Scott Wolford, Columbus
 David Urban Wurm, Republic
 Keith Allen Yeager, Painesville
 James Robert Zubricky, Jr., Cleveland

Agricultural Technical Institute—Wooster

Associate in Applied Science

Twenty-seven candidates

Karen Arlene Bartley, Dayton
 Michele Rene Carlson, Pleasant Plain
 Sally Lee Cooley, Atlanta, Ga.
 Donald Linn Dawson, Lebanon
 Frank Thomas Dreyer, Cuyahoga Falls
 Pamela Sue Elson, Kent
 Gloria Denise Fischer, Glendale
 Mark Evans Foertmeyer, Cincinnati
 Victor Lynn Goldman, South Euclid
 Cathy Lynn Lantz, Clyde
 James Edward Larimer, Willowick
 James Patrick Lauer, Gibsonburg
 Steven Eugene Mallinak, Barberton
 David Charles Manning, Gallion
 Melissa Ann McMillan, Wooster
 Sally Jo Ann Morehead, Amanda
 Judith Anne Moss, Chardon
 John Everett Nixon, Columbus
 Scott James Reck, Fredericksburg
 Donna Mae Sargent, West Salem
 Jack Patrick Sedlak, Pepper Pike
 Wesley Howard Snee, North Canton
 Terry Keith Stout, Akron
 David Bruce Thompson, Bay Village
 Joseph Francis Vrecenak, Clifton, N. J.
 Donald Edwin Watson, Amherst, N. H.
 Kimberly Ann Wright, Greenville

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

One candidate

Joseph Anthony Wildi, Columbus
 B.S.

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and fifty-five candidates

John William Allen, Lima
 Mary Elizabeth Amstadt, Gates Mills
 Cert. Grad. Dent. Hyg.
 Christine Baxter Ansel, Columbus
 Jana Diane Arthur, Wapakoneta
 Elizabeth Jennings Atwood, Newark
 Elizabeth Franklin Babcock, New Haven
 Valerie Phillips Bauer, Columbus
 Amy Ann Becker, Columbus
 Donald Earl Bell, Columbus
 Cathy Lynn Benis, Columbus
 Cert. Grad. Dent. Hyg.
 *Dorothy Sarcone Benson, Cardington
 Kenneth Raymond Black, Pickerington
 Thomas Wendell Blake, Columbus
 Barbara Lynn Bogan, Columbus
 Lisa Marie Borelli, Columbus
 Gayle Hays Bowman, Lebanon
 John Gregory Brandt, Newark
 Christopher James Burkley, Columbus
 Nanci Ellen Burtnett, Columbus
 Janet Lee Busche, Hebron
 Sandra Schrader Buttermann, Marion
 James Cameron Chellis, Bexley
 Cynthia Sue Claypool, Marion
 Donald Lee Coburn, Wickliffe
 Wesley Wayne Coil, Columbus
 Sheila Marie Collison, Worthington
 Timothy Drew Congrove, Grove City
 Rebecca Susan Cotterman, Wapakoneta
 Sheila Gossett Cottrell, Columbus
 Carolyn Jane Coulter, Columbus
 Denise Ann Cox, Columbus
 Lauren Carol Creighton, Worthington
 Merrie Lynn Daitch, Augusta, Ga.
 Deborah Sue Davis, Columbus
 Donna Scurlock Davis, Galena
 Dennis Paul DeVendra, Columbus
 Dennetta Marie Donaldson, Brookville
 Catherine Susan Duplin, Louisville
 Cert. Grad. Dent. Hyg.
 Sheila Ann Easton, Columbus
 Cert. Grad. Dent. Hyg.
 Marilyn Hanna Eckstein, Mansfield
 Liza Lovell Elliott, Worthington
 Patrick Joseph Fallon, Parma
 Gail Ann Fish, Wapakoneta
 Mary Ellen Fitzpatrick, Bellefontaine
 Deborah Diane Fleming, Bloomingdale
 B.A.; M.A.
 Charles William Floto, Millersport
 Deborah Lynn Fugate, Garhanna
 Valerie Bristol Gates, Marion
 Douglas Charles Gill, Columbus
 Rodney Richard Glover, Mt. Orab
 William Earl Goodin, Columbus
 Dennis James Grady,
 St. Petersburg Beach, Fla.
 Gary Richard Hang, Worthington

Kathy Jo Harman, Dayton
 Linda Vess Harris, Columbus
 Cert. Grad. Dent. Hyg.
 Larry Lee Hawkins, Columbus
 Kathleen Conway Holbrook, Springfield
 Robert William Hughes, West Portsmouth
 William Richard Hughes, Pataskala
 Curtis Jesson Humphreys, Delaware
 Chris Dee Hutchinson, Kenton
 Jed Chesley Immel-Brown, Columbus
 Judith Roush Ingram, Shelby
 Billy Stephen Jackson, Columbus
 Edward Neese Jackson, Columbus
 Larry William Jentzen, Cincinnati
 Martha Render Jones, Columbus
 B.A. (Denison University)
 Beryl Andrea Joyce, Hamilton
 Jeri Simon Kaplan, Fargo, N. D.
 Sherree Ann Keller, Stow
 Patricia Kempert, Euclid
 Cert. Grad. Dent. Hyg.
 Patricia Byrnes Kilcoyne, Columbus
 Cert. Grad. Dent. Hyg.
 Wilma Lee Kincaid, Hemlock
 Cert. Grad. Dent. Hyg.
 Janette Joy King, Parma Heights
 Cert. Grad. Dent. Hyg.
 Jan Marie Krouse, Columbus
 Susan Kay Krueger, Allison Park, Pa.
 Klaus Achim Lambeck, Worthington
 Georgia Hass Lang, Columbus
 Kristen Poesch Latta, Jackson
 Barbara Ann Lee, La Rue
 Celia Lynn Leissa, Worthington
 Bonnie Brown Levering, Edison
 Emily Jane Lewis, Hilliard
 *Joseph Perry Lombardo, Ashville
 Lynne Brune Lupton, Columbus
 Timothy Bruce Malone, Bay Village
 Debra Martin, Greenville
 Georgia Topliff Mathews, Marion
 Cert. Grad. Dent. Hyg.
 Lucinda Kay Maurer, Columbus
 Michael Brian Mayock, Parma
 Dennis Hayes McAndrew, Columbus
 Patricia Louise McCoy, Columbus
 Timothy Lee McGuire, Marion
 Jean Kay McKinney, Columbus
 Diane Meckstroth, Columbus
 Cert. Grad. Dent. Hyg.
 Robin Marie Meeks, Canton
 Harriett Candy Miller, Ashtabula
 Robert Dennis Millisor, Columbus
 Lawrence Molla, Parma Heights
 Sandra Ann Morgan, Lorain
 Patrick Richard Murphy, Dayton
 Christopher Neil Nelson, Columbus
 Michael Lynn Newland, Waynesfield
 Jodel Sue Newman, Columbus
 David Everitt Nichols, Ionia, Mich.
 Daryl Lynn Oppermann, Bluffton
 Allison Gay Ostrow, Cincinnati
 Cert. Grad. Dent. Hyg.
 Linda Kay Oze, Columbus
 Cert. Grad. Dent. Hyg.
 Linda Ann Petrick, Worthington
 Theresa Lee Pettit, Greenwich
 Dominic Anthony Potenzi, Steubenville
 A.B. (Youngstown State University)
 Renee Rosine Raque, Louisville, Ky.
 Jon Alan Reed, Columbus
 Jill Long Riddle, Mt. Sterling
 Deborah Elaine Robinson, Columbus
 Laura Zeldin Rose, Columbus
 Barbara Moore Ruhl, Worthington
 Rosemary Patrice Ryan, Westerville
 Barbara Ann Sabol, Monessen, Pa.
 Wilma Boring Sadrai, Columbus
 Kathleen Ann Kinney Salyer, Rushsylvania
 Vicky DeVier Seaton, Columbus
 Cert. Grad. Dent. Hyg.
 Audri Rebecca Schall, Reynoldsburg
 Bruce Yale Scheer, Cleveland
 Dianne Rita Schneider, Columbus

* Also Master of Science, Graduate School
 † Also Bachelor of Arts, Colleges of the Arts and Sciences

Constance Lee Schultz, Radnor
 Susan Marjorie Schwartz, Shaker Heights
 Carolyn Rickner Shalter, Columbus
 Ginger Diann Shefferson, Columbus
 Martha Waggoner Shipman, Columbus
 Linda Sue Singler, Bryan
 Paula Tom Skidmore, Centerburg
 Lorna Lindsey Sloan, Sidney
 Cynthia Kay Smith, Cleveland
 Philip Randall Smith, Columbus
 Myrna Alane Snow, Marion
 Nan M. Still, Columbus
 Robert Donavon Stobie, Lakewood
 Debora Kathryn Strait, Gahanna
 Cynthia Ann Thaxton, Cambridge
 Laura Eve Yearwood Thomas, Vincent
 Sue Huddleston Thomas, Marion
 Melanie Elsass Thompson, Sidney
 Linda Hall Trevillian, Lima
 Michelle Rita Vance, Crestline
 Karen Kropp Velazquez, Grove City
 B.A.
 Lisbeth Ellen Walter, Warren
 Cert. Grad. Dent. Hyg.
 Krista Jo Watkins, Prospect
 David Henry Webb, Circleville
 Robin Kay Webb, Butler
 Debra Kay White, Prospect
 Debra Quay Wolf, Belle Center
 Henry Beryle Wurth, Jr., Sidney
 Terrance Saindon Wylie, Columbus
 Michael G. Yount, Columbus

**Bachelor of Art Education and
 Bachelor of Music Education**
 degrees are offered jointly by the
**College of the Arts and the
 College of Education**
 Candidates are listed on page 223

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

One candidate

Terry Vincent Christian, Delaware

Bachelor of Science in Agricultural Engineering

One candidate

Michael Jay Lichtensteiger, Ohio City

Bachelor of Science in Ceramic Engineering

One candidate

William Kelly Booth, New Kensington, Pa.

Bachelor of Science in Chemical Engineering

One candidate

William Paul Lesko, Mentor

Bachelor of Science in Civil Engineering

Eight candidates

Michael Lee Bronson, Columbus
 Thomas Walter Conrardy, Hillsboro
 James H. Fairly, Columbus
 Timothy John Latham, Erie, Ill.
 Thomas William McAteer, Maple Heights
 Karamat Qayum, Lahore, Pakistan
 Frederick Melvin Schmidt, Reynoldsburg
 Dennis William Spragg, Adena

Bachelor of Science in Computer and Information Science

Four candidates

Hans Gunter Birnbrich, Columbus
 Michael Stephen Dennison, Nashport
 Timothy James Ehrler, Lancaster
 Richard Allen Merrill, Wellington

Bachelor of Science in Electrical Engineering

Twenty-four candidates

Robert Wayne Ball, Groveport
 Robert Talmage Beer, Ashland
 Keith Lewis Bernhardt, Findlay
 Joseph Michael Bowling, Akron
 David Andrew Collins, West Portsmouth
 John Alvin Dickey, East Liverpool
 Thomas Edward Eichenberger, Westerville
 Jon Charles Freeman, Wellington
 Jay Sherman Hidy, Columbus
 Don Richard Hilderman, Rocky River
 Timothy Allan Kay, Canton
 Joseph Victor Kreinbrink, Findlay
 David Andrew La Rosa, Columbus
 Mark Stephen Laughery, Canton
 Ui Luu, Saigon, South Vietnam
 Michael David Martin, Chillicothe
 Michael L. Pfefferle, Fremont
 Ned Dana Reed, Mt. Sterling
 Leonard Carl Samuelson, Glenford
 David Conrad Schuster, Mansfield
 Abolfazl Sepahban, Tehran, Iran
 Peter Michael Subtelny, Cincinnati
 B.S.
 Jeffrey Ervin Tackett, Frankfort
 Robert Allen Tackett, Mansfield

Bachelor of Science in Engineering Physics

One candidate

James Lee Blanton, Cincinnati

Industrial Engineer

Two candidates

Haidar Ismail Al-Mustafawi,
 Kuwait, Kuwait
 B.S.I.S.E. (Ohio University)
 William Lawrence Philbin, Perrysburg
 B.S.

Bachelor of Science in Industrial and Systems Engineering

Six candidates

Mary Lee Carey, Worthington
 Richard Sotero Plasencia, Lorain
 Jerry Shih-Chih Tou, Columbus
 Lawrence Albert Urig, Elyria
 Rebecca Kathryn Wilcox, Mentor
 Tyron Yun, Columbus

Bachelor of Science in Mechanical Engineering

Seventeen candidates

Timothy Micheal Becker, Cleves
 William Michael Bleau, Stow
 Daniel Stewart Bucklew, Columbus
 Michael William Clark, Pickerington
 David Ray Debo, Marion
 Abraham Don, Bnei-Brak, Israel
 William Owen Elliott, Hilliard
 Ahmed Ebrahim Garda, Karachi, Pakistan
 Charles Stephen Jenkins, Stow
 Seyed Mohammad Hossein Khatib-Shahidi,
 Tehran, Iran
 Thomas Arthur McCardle, Cincinnati
 David Lee Pottmeyer, Columbus
 James Albert Schwickert, Columbus
 Keith O'Donnel Shellenbarger, Ada
 Daniel Z. Skolnik, University Heights
 William Joseph Toerner, Cincinnati
 John Steven Uray, Parma Heights

Bachelor of Science in Architecture

Three candidates

Alex Zsolt Huber, Cleveland
 Wendall Eric Milliken, Columbus
 Kent Alan Usher, Toledo

Bachelor of Science in Landscape Architecture

Three candidates

Douglas Allen Counts, Troy
 Patrick Douglas Hoagland, Elyria
 Kim Elizabeth Jones, Bay Village

College of Law

Dean: L. Orin Slagle, Jr.

Juris Doctor

Twenty-six candidates

Ronald Eugene Antill, Rayland
 B.B.A. (Ohio University)

Kenneth Carlyle Crooks, Groveport
 B.A.

Neil Warren Gurney, Cleveland Heights
 B.A.

James Anthony Hajek, Parma
 B.B.A. (Kent State University)

* Also Bachelor of Arts, Colleges of the Arts and
 Sciences

Gordon Kenneth Harris, Jr., Columbus
B.E.E.; M.S.E.E. (Massachusetts Institute
of Technology)

David Jeffrey Highsmith, Columbus
B.A. (Kenyon College)

Paula Ping Hu, Columbus
B.A.

James L. Jacobson, Dayton
B.S. (University of Michigan)

Robert Howard Johnson, Indianapolis, Ind.
B.S. (University of Illinois)

Thomas Christopher Lipp, Dayton
B.A. (Albion College)

Maria Elena Medina, Columbus
B.A., M.A.

Alan Mengel, Columbus
B.S.Bus. (Wright State University)

Judith Dorothy Moss, Columbus
B.S.Bus.Adm.

Steven Harry Noll, Cincinnati
B.S. (Michigan State University)

John Quirites Porter, Washington, D. C.
B.A. (Catholic University of America)

Edwin Romero, Youngstown
A.B. (Youngstown State University)

Kristine Agnes Roth, Canton
B.A.

James Albert Rutledge, Columbus
B.A. (University of Dayton)

Richard Anthony Schwartz, Fremont
B.A. (University of Toledo)

David Gordon Seil, Joliet, Ill.
B.A. (Lewis College)

Dale Phillip Shrawlow, Cleveland
B.A. (Miami University)

Thomas Sico, Farmingdale, N. Y.
B.S. (Massachusetts Institute of
Technology)

Frederick Virgil Steffan, Columbus
A.B. (Whitman College)

Brent Allan Stubbins, Zanesville
B.A. (Kenyon College)

William Stephen Wirt, Olney, Ill.
A.B. (University of Illinois)

John Alan Yaklevich, Columbus
B.A. (Northwestern University)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Nine candidates

Edward Adamovich, Jr., Richmond
B.S. (Kent State University)

Alan Edgar Amos, New Matamoras
B.A. (Marietta College)

David James Delnostro, Highland Heights
B.A.

Adele Marie Echandia, Cleveland
B.S. (Cleveland State University)

Steven Thomas Haney, Eaton
A.B. (Miami University)

Ernest Paul Jones, Steubenville
B.A. (Kent State University)

Frederick Alan Specht, Parma
A.B. (Kenyon College)

Harry Ralph Wheat, Columbus
B.S.

Craig Edward Williams, Painesville
B.A.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Fifteen candidates

Stephony Ann Bracken, Cincinnati
Fred James Cianciolo, Cincinnati

Benita Brown DeCaro, Zanesville
Sally Beth Deuble, Vermilion

Patrick Harroff, Columbus

Sandra Ann Hodapp, Columbus

Martha Jean Kummerer, Tiffin

Karla Shan Meddles, Richwood

Shirley Jean Noble, Carrollton

James Randolph Otworth,

Franklin Furnace

Cheryl Strickling Ricer, Woodsfield

Kathryn Irene Schroeder, Phoenix, Ariz.

Thomason Craig Smith, Westerville

Margaret Thirkield, Cincinnati

Mary Margaret Unger, Lakewood

Certificate of Nurse Anesthetist

Four candidates

Bette Parlette Hedges, Trotwood

A.A.S. (Sinclair Community College)

Lenora Burke Hedges, Reynoldsburg

A.D. (Columbus Technical Institute)

Timothy Alan Thacker, New Boston

A.A.S. (Ohio University)

Malinda Jane Wells, Amlin

School of Nursing

Bachelor of Science in Nursing

Eight candidates

Christin Dee Baehr, Columbus

Barbara Jo Beach, Youngstown

Ann Dziewicki, Highland Heights

Mary Kuhlman Fellers, Columbus

R.N. (Lima Technical College)

Kristine Marie Golan, Syracuse, N. Y.

Jo Ellen Lambert, Canton

Kim Knepper Peterson, Findlay

Catherine Ann Riffle, Spencerville

College of Optometry

Doctor of Optometry

Thirty-four candidates

Thomas Nicholas Adams, Akron

B.S. (University of Akron); M.S.Lib.Sci.

(Case Western Reserve University);

B.S. in Opt.

Jack William Albright, Worthington

B.S. in Opt.

Donald Anthony Bergmann, Cincinnati
B.S. in Opt.

Burton B. Berk, Columbus
B.S. in Opt.

Benjamin W. Binns, Portsmouth
B.S. in Opt.

Benton Jay Bloch, Columbus
B.S. in Opt.

Bruce O. Bradley, New Carlisle
B.S. in Opt.

Thomas Allen Brannon, Newark
B.S. in Opt.

Ramie B. Dick, Sandusky
B.S. in Opt.

Charles Herbert Dickman, Coldwater
B.S. in Opt.

Roy Usaku Ebihara, Oberlin
B.S. in Opt.

Leon Francis Favede, St. Clairsville
B.S., M.Opt. (Indiana University)

Isadore R. Goldberg, Dayton
B.S. in Opt.

Martin M. Goldhaber, Columbus
B.S. (West Virginia University); M.S.
(University of Tennessee); B.S. in Opt.

Ben Morris Graham, Zanesville
B.S. (Eastern Kentucky State Teachers
College); B.S. in Opt.

John Ralph Haehn, Wapakoneta
B.S. in Opt.

Lowell L. Hone, Bucyrus
B.S. in Opt.

David A. Howe, Springfield
B.S. in Opt.

E. Clifton Hyre, Elkins, W. Va.
B.S., B.S. in Opt.

Sterling William King, Archbold
B.S. in Opt.

Daniel J. Knappe, Dayton
B.S. in Opt.

Donald R. Koch, Avon
B.S. in Opt.

Gary Roger Maurer, Dayton
B.S. in Opt.

John Andrew Nabergall, Bradenton, Fla.
B.S. in Opt.

Verne E. Petrie, Akron
B.A. (University of Akron); B.S. in Opt.

Thomas Stanley Price, Logan
B.S., B.S. in Opt.

Stanley Frank Sanders, Seven Hills
B.S. in Opt.

Lucille Marzano Skarote, Campbell
B.S., B.S. in Opt.

Charles W. Snide, Coshocton
B.S. in Opt.

James D. Studebaker, Union
B.S. in Opt., M.Opt. (Indiana University)

Richard E. Talcott, Mentor
B.S. in Opt.

Clark Albert Townsend, Mansfield
A.B. (Case Western Reserve University);
B.S. in Opt., M.S.

Jay Arden Williams, Uhrichsville
B.S. in Opt.

John Zettel, Jr., Cincinnati
B.S. in Opt.

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Eighty-six candidates

Dennis E. Adams, Arcanum
Elizabeth Anne Barnette, Plainfield, N. J.
Julie Ann Block, Columbus
Denise Mae Bogdan, Medina
Margaret Grace Boor, Shelby
Sarah Ann Bracey, Detroit, Mich.
Maureen Applegate Brague, Mansfield
Mary Eileen Brannigan, Findlay
Barbara Ellen Campbell, Columbus
Alan Jay Clark, Greenville
Elaine Rutherford Clark, Chevy Chase, Md.
James Vincent Coffey, Jr., Columbus
Carol Jean Cole, Van Wert
Pamela Irene Corfman, Holmesville
Karen Anne Culbertson, Columbus
Lisa Ann Culp, Bellevue, Wash.
Edward Alan Dea, Euclid
Patsy Hendricks Deerhake, Rockford
Joni Lynn Diamond, Cincinnati
Deborah Ellen Eddy, Columbus

William Dale Faith, Youngstown
Philip Kenneth Fedele, Rochester, N. Y.
Michele Marie Fisher, Columbus
Gordon Michael Francisco, Fredericktown
Frederick Andrew Frankensfield, Findlay
Denise Pamela Friedman, Elyria
Hugh Robert Gallagher, Elyria
Elizabeth Ann Gann, Ironton
Cris Jay Gillespie, St. Clairsville
Elaine Carol Gregor, Amsterdam
Kathy Jolliff Griffith, Marysville
Beth Louise Grube, Cleveland
Carol Elaine Hamilton, Shaker Heights
Michelle Yvonne Hanson, Tulsa, Okla.
Clarissa Harris, Youngstown
Marcia Anne Hesselgrave, Bay Village
Susan Marie Hirsch, Worthington
Cleah Rae Hockin, Oak Harbor
Irene Susan Hwasta, Cleveland
Kathryn Sue Icenhower, Johnstown
Lise Karen King, North Olmsted
Debra Ann Krahn, Circleville
Cindi K. Maggied, Columbus
Denise Shackelford Mason, Cincinnati
Anne Marie Meiring, Perrysburg
Barbara Diann Miller, Columbus
Sherrill Ann Mitchell, Columbus
Hilary Lynne Morgan, North Olmsted
Sylvia G. Noel, Columbus
Anna Maria Ortiz, Cleveland
Karen Lynn Pearson, St. Charles, Ill.
Carol Ann Cejka Philbrick, Cleveland
Kim Anne Rabiner, Lima

Karen Ann Rausch, Plain City
Linda Carol Rhodes, Columbus
Mary Ann Rosser, Columbus
Anne Jeanne Scaperoth, Columbus
Mary Nanette Sebaugh, Zanesville
Jacqueline Claudia Sephton, Independence
Robin Lynn Seymour, Ashtabula
Dale Howard Shagrin, Beachwood
Thomas Gregory Shanahan, Columbus
Michelle Shoaf, Marion
Mery Lynn Shuer, Toledo
Ellen Nash Simon, Apple Creek
Deborah Sue Slack, Dayton
Susan Elaine Slusser, Spencer
Florence Jordan Smith, Columbus
Pamela Hatfield Smith, Circleville
Jay E. Sommerlad, Columbus
Debra Lynn Starkey, Steubenville
Mary King Steverson, Columbus
Carol Ann Strebar, Marion
Janet Louise Ramey Szilagyi, Akron
Donald Clifton Taylor, Dayton
Alva M. Teets, Jr., Bucyrus
Anthony Richard Thomas, Columbus
Linda Joyce Toombs, Marion
Donna Marie Van Meter, Columbus
Karen Sue Waldron, Berea
Marsha Lynn Wiens, Toledo
Deborah Lee Williams, Columbus
Kathryn Cheeseman Winner, Columbus
Deborah Ann Witt, Germantown
Paul Gene Wyse, Wauseon
Janet Zahler, Cleveland

Graduates with Honors

Summa Cum Laude

Susan Marie Ambrose, Euclid
 Patricia Carter Beale, Columbus
 Dorothy Sarcone Benson, Cardington
 Keith Lewis Bernhardt, Findlay
 Suzan Corbacioglu, Rittman
 Karen Anne Culbertson, Columbus
 Douglas Keith Ewing, Columbus
 Mark William Farnham, Toledo
 Michelle Marie Fisher, Columbus
 Deborah Lynn Fugate, Gahanna
 Douglas Grant Geib II, Marion
 Kathryn Sue Icenhower, Johnstown
 Judith Roush Ingram, Shelby
 Thomas James Lekan, Columbus
 Steven Randle McGuire, Columbus
 Kim Knepper Peterson, Findlay
 Linda Gail Schoen, Dublin
 Elizabeth Allen Shuttleworth, Columbus
 Debra Lynn Starkey, Steubenville
 Janet Louise Ramey Szilagi, Akron
 Joseph Francis Vrecenak, Clifton, N.J.
 Kathryn Cheeseman Winner, Columbus
 Debra Quay Wolf, Belle Center

Summa cum laude with distinction in Social Studies Education

Laura Zeldin Rose, Columbus

Cum Laude

Jennifer Maunsell Banks,
 Canal Winchester
 Dorothy Sarcone Benson, Cardington
 Mary Beth Bobel, Lorain
 Margaret Grace Boor, Shelby
 Todd Aaron Brooks, Perrysburg
 Sandra Schrader Buttermann, Marion
 Jane Flewellen Clark, Chappaqua, N.Y.
 Sheila Gossett Cottrill, Columbus
 Suzanne Patrice Donahue, Pittsburgh, Pa.

Marilyn Hanna Eckstein, Mansfield
 Liza Lovell Elliott, Worthington
 Barbara Williams Ellis, Columbus
 Kerry Alan Falkner, Springfield
 William Richard Hughes, Pataskala
 Michelle D. Katzenbach, Columbus
 Bonnie Brown Levering, Edison
 Timothy Lee McGuire, Marion
 Diane Meckstroth, Columbus
 Barbara Anne Minch, Rocky River
 Hilary Lynne Morgan, North Olmsted
 Sandra Ann Morgan, Lorain
 Jodell Sue Newman, Lorain
 Paul Douglas Pesses, Pepper Pike
 Mark Raymond Polley, Columbus
 David Scott Powell, Columbus
 Rhonda Lareha Roberts, Shelby
 Kathleen Ann Kinney Salyer, Rushsylvania
 Constance Ann Schneider, Berea
 Teresa Jean Sherrard, Columbus
 Pamela Hatfield Smith, Circleville
 Laura Eve Yearwood Thomas, Vincent
 Donald Eugene Verhoff, Ottawa
 Tim Dennison Woosley, Columbus
 Jeffrey David Wyatt, Cincinnati
 Michael G. Yount, Columbus

Cum laude with distinction in Classics

Georgia K. Mase, Columbus

With distinction in Agricultural Economics

Cheryl Kathryn Ricketts, Pickerington

With distinction in History

Jonathan Lewis Etherton, Columbus

With distinction in Political Science with honors in the Liberal Arts

Ruth Celeste Boice, Columbus

With distinction in Resource Development

William Charles Likens, Columbus

With honors in the Liberal Arts

William W. Friday, Columbus
 David Fox Sandmel, Cincinnati

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 8, 1977

The Board of Trustees met at its regular monthly meeting on Thursday, December 8, 1977, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, Howard D. Sirak, Patricia D. James, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

December 8, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 78-51

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Clara Marie Bancroft

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 7, 1977, of Clara Marie Bancroft, Associate Professor Emeritus in the Department of Home Economics Education, School of Home Economics.

Miss Bancroft was born in Columbus, Ohio, on October 2, 1893. She received the Bachelor of Science in Home Economics degree in 1915 and her Master of Science degree in 1931, both from The Ohio State University.

Miss Bancroft was a teacher of home economics in the Columbus Public Schools from 1915 to 1919. She came to The Ohio State University July 1, 1919 as an Assistant Critic Teacher, became an Assistant Instructor in 1920 and full Instructor in 1922. She attained the rank of Assistant Professor in 1928 and Associate Professor in 1945. She retired July 1, 1957 and was granted the title Associate Professor Emeritus.

Miss Bancroft began working with student teachers of home economics at North High School in Columbus for the School of Home Economics. She continued throughout her professional life of many years at Ohio State in developing enthusiastic, young teachers of homemaking for the public schools of Ohio. Hundreds of former students credit her with their success in life as an individual and teacher.

Her love of life and enthusiasm for her profession were contagious. She was a teacher not only of her students but of her peers and friends. Committed to honesty and a well-ordered life, her interests and activities were widespread and her life values were influential in her church and her community. Her life was well planned and organized. She thoroughly enjoyed her attractive home and garden and loved sharing them with family, students and friends.

Miss Bancroft was awarded the Distinguished Alumni Award from the College of Agriculture and Home Economics in 1973.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

December 8, 1977 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Arthur Ross Milner

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 22, 1977, of Professor Emeritus Arthur Ross Milner of the Department of Agricultural Economics and Rural Sociology.

Professor Milner was born April 11, 1907, at Waterford, Ohio. He graduated from Waterford High School in 1925 after which he entered The Ohio State University. From this institution he received a Bachelor of Science in Agriculture degree in 1929. In 1949 he received the Master of Science degree in agricultural economics at Cornell University. Following his graduation from The Ohio State University in 1929, Professor Milner accepted employment with the Agricultural Extension Service in Ohio and served as a County Extension Agent in Ashtabula County until 1954. At this time he joined the faculty of the Department of Agricultural Economics and Rural Sociology at The Ohio State University as an Assistant Professor, specializing in farm management. In 1957 he was promoted to Associate Professor and in 1962 to Professor. Although he joined the faculty of the Department of Agricultural Economics and Rural Sociology as a specialist in farm management, most of his tenure was spent as a specialist in the area of grain marketing. He taught courses in grain marketing and for a number of years served as an instructor of clinics and short courses concerned with agribusiness management. He was also a recognized authority in the field of agricultural cooperatives and once taught a special course concerned with this topic to a special group of foreign students from the Congo. He was the author of a number of publications concerned with farm management, grain marketing, agricultural cooperatives, and agribusiness generally. This list includes a text, *Grain Marketing*, published by West-Camp Press, Inc., Westerville, Ohio, in 1970. Professor Milner was recognized as a national leader in the field of grain marketing. He devoted his life to serving the cause of agriculture in Ohio, the United States, and the world.

Professor Milner was not only a dedicated member of the profession of agricultural economics but was also a distinguished member of the community in which he lived. He was active in church and community affairs during his lifetime. He was a member of the Agricultural Economics Association and the Agricultural Marketing Forum as well as Gamma Sigma Delta, (the Honor Society of Agriculture), Alpha Zeta Honorary Fraternity, and Epsilon Sigma Phi Professional Fraternity.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding at its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

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December 8, 1977 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM FOR A
BACHELOR OF SCIENCE IN MINING ENGINEERING DEGREE**

Resolution No. 78-52

Synopsis: It is proposed that a program leading to a Bachelor of Science in Mining Engineering degree be established.

WHEREAS the University Senate at the meeting, November 12, 1977, approved a proposal for a new (tagged) degree program to be known as the Bachelor of Science in Mining Engineering; and

WHEREAS such a program is directly responsive to the stated needs of employers both in Ohio and across the United States; and

WHEREAS this program will provide a broadly based but career-oriented education:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate for the establishment of the degree program--Bachelor of Science in Mining Engineering--be approved.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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MODIFICATION OF RULES OF THE UNIVERSITY FACULTY

29.2711 (Athletic Council); 29.2733 (Committee on Faculty Compensation and Benefits); 43.07 (Filing Registration Forms); and New Rule 43.08 (Additions to Approved Schedules)

Resolution No. 78-53

Synopsis: The University Senate proposes modification and the addition of a new rule to Rules of the University Faculty.

WHEREAS Rule 28.19 of the University Faculty sets forth procedures for amending Rules which require the approval and recommendation by the University Senate before transmission to the Board of Trustees for consideration; and

WHEREAS the University Senate at the meeting held November 12, 1977, approved modification of several rules and a new rule as set forth on the following pages and summarized as follows:

RULES

29.2711. Athletic Council.

Section 3. The Athletic Council shall elect the University's faculty representative to the Western Conference. All regular faculty members shall be eligible for election, including faculty members currently serving on the Athletic Council. A slate of nominees shall be prepared by the Nominating Committee of the Athletic Council. Election shall take place in the spring in conjunction with the election of Council officers. Initially, the person elected shall serve as Faculty Representative-Elect for a period of one year prior to beginning regular service. The term of regular service shall be three years commencing July 1 of the year following initial election. A faculty representative who is not a member of Athletic Council shall serve as an *ex officio* non-voting member. Re-election as faculty representative for no more than one additional three-year term shall be permissible.

The Chairperson of the Athletic Council or the Chairperson's Designee from among the faculty members of the Athletic Council shall serve as an *ex officio* alternate for the faculty representative with full voting privileges at Conference meetings.

29.2733. Committee on Faculty Compensation and Benefits.

A. Membership:

1. The committee shall consist of:
 - a. Twelve elected faculty members, at least two of whom also shall be members of the Senate, to serve a three-year term with four to be elected each year;
 - b. The Provost or his designee, *ex officio*;
 - c. The Vice President for Personnel Services, or his designee, *ex officio*; and
 - d. Additional *ex officio*, non-voting members and consultants from the University, at the discretion of the committee.

43.07. Filing Registration Forms.

All students are required to present their registration forms with course requests each quarter at the time and place announced by the Office of Registration, Records, and Scheduling. Failure to comply with this rule will result in a penalty assessment.

RULES (contd)

43.08. Additions to Approved Schedules.

Section 1. Until the official closing time on the first Friday of a quarter additions to Approved Schedules in undergraduate Colleges require the approval of the student's enrollment unit.

Section 2. After the first Friday of a quarter and until the official closing time of the second Friday, additions to Approved Schedules require the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the Department) and the approval of the student's enrollment unit.

Section 3. After the second Friday of a quarter additions to Approved Schedules require the permission of the instructor, (or, with the instructor's concurrence, a representative as appointed by the Department), the permission of the Chairperson of the instructor's Department or the Director of the School (or of the designated representative of the Chairperson or the Director), and the approval of the student's enrollment unit.

Section 4. Because of the accelerated nature of summer-term courses, deadlines for adding these courses are as follows. From the first day of classes until the official closing time on the first Friday of each summer term a student may add a course only with the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the Department) and the approval of the student's enrollment unit. After this date a student wishing to add a summer-term course to the Approved Schedule must have, in addition, the permission of the instructor's Department Chairperson or the Director of the School (or of the designated representative of the Chairperson or the Director).

Section 5. For courses of shorter duration deadlines and approval procedures will be established by the instructional unit in which the course is offered after consultation with the Office of Registration Services.

Section 6. The Graduate School and graduate professional colleges shall formulate rules to govern additions to Approved Schedules, subject to approval of the Council on Academic Affairs and publish them in their respective bulletins.

December 8, 1977 meeting, Board of Trustees

MODIFICATION OF RULES OF THE UNIVERSITY FACULTY (contd)

29.2711 (Athletic Council); 29.2733 (Committee on Faculty Compensation and Benefits); 43.07 (Filing Registration Forms); and New Rule 43.08 (Additions to Approved Schedules) (contd)

Rule 29.2711

The change sets up qualifications and suggested terms for serving as a Faculty Representative to the Western Conference.

Rule 29.2733

Responsibility for budget and personnel problems has changed from Vice President for Business and Administration to Vice President for Personnel Services.

Rule 43.07

A more reasonable deadline for filing registration forms is set forth in this modified rule.

Rule 43.08

This new rule sets forth procedures for additions to approved schedules.

NOW THEREFORE

BE IT RESOLVED, That the changes in *Rules of the University Faculty*, as proposed by the University Senate, be adopted.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF THE JAMES W. SHOCKNESSY PROFESSORSHIP OF LAW

Resolution No. 78-54

Synopsis: An "Endowed Professorship" in the College of Law is being proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships"; and

WHEREAS a bequest to The Ohio State University Development Fund from the late James W. Shocknessy has been received for the establishment of "The James W. Shocknessy Professorship" in the College of Law; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

December 8, 1977 meeting, Board of Trustees

ESTABLISHMENT OF THE JAMES W. SHOCKNESSY PROFESSORSHIP OF LAW (contd)

WHEREAS the annual income is to be used to provide support for the work of a distinguished legal teacher and scholar and appointment to the Shocknessy Professorship will be recommended by the Dean of the College of Law to the Provost and approved by the Board of Trustees; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education:

NOW THEREFORE

BE IT RESOLVED, That "The James W. Shocknessy Professorship of Law" be established in accordance with the terms of the will.

Upon motion of Mr. Havens, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**APPOINTMENT - DR. KATHRYN SCHOEN
VICE PRESIDENT FOR EDUCATIONAL SERVICES**

Resolution No. 78-55

President Enarson made the following statement:

You will recall some time ago, I reported to the Board that John Bonner had indicated his desire to be relieved of his administrative duties not later than June 30, 1978. I would like to say publicly and in John's presence that he has been a long and loyal servant dedicated to the best interests of the University. It is no small accomplishment for a person to serve in a University administrative post over the period of time he has. In accordance with an understanding that I have with this Board, I bring recommendations at the Vice Presidential level forward only after these recommendations have been reviewed in executive session by the Board, as is permitted under the laws of the State of Ohio. I am pleased to recommend at this time the appointment of Dr. Kathryn Schoen, who is presently a member of the Provost's staff, to the position of Vice President for Educational Services. In this connection I present the following resolution.

WHEREAS Dr. John T. Bonner, Jr., has announced his intention to retire from his position as Vice President for Educational Services not later than June 30, 1978; and

WHEREAS the President of the University and this Board wish to gain the maximum benefit from Dr. Bonner's remaining service to the University and to provide for the best possible transition from his service to that of his successor in office; and

December 8, 1977 meeting, Board of Trustees

**APPOINTMENT - DR. KATHRYN SCHOEN
VICE PRESIDENT FOR EDUCATIONAL SERVICES (contd)**

WHEREAS upon the recommendation of the President, this Board wishes to appoint Dr. Kathryn Schoen to succeed Dr. Bonner as Vice President for Educational Services;

NOW THEREFORE

BE IT RESOLVED, That Dr. Kathryn Schoen is hereby appointed Vice President for Educational Services--designee, effective February 1, 1978; and

BE IT FURTHER RESOLVED, That Dr. Schoen will, as of that date, commence work with Dr. Bonner in the Office of Educational Services, assuming responsibility for that Office at such future date as may be determined.

President Enarson continued:

I know that many, although not all of you, know Kathryn Schoen rather well. I have been privileged to be well acquainted with her in the years that I have been associated with the University. It seemed to me entirely appropriate for this University to look within in filling this important post. We sought somebody who had the respect of the faculty, who had a sense of the types of activities, and their relative importance, going on in the domain of the Vice President for Educational Services. And, of course, that includes the Library as a key resource, WOSU-TV as another key resource, and the Continuing Education program including the operation of this facility (Fawcett Center for Tomorrow). Those of you who know Kathy Schoen I think will agree with my judgment that she has a first-rate analytical mind, a deep interest in the University, and I am confident that she will have the full support of the faculty. I would now like Al Kuhn to comment on this recommendation because of his close association with Kathy Schoen.

Dr. Kuhn made the following statement:

It has been my pleasure and my privilege to have Dr. Schoen as a colleague in my office since 1972. Her responsibilities as Associate Provost for Faculties have been the whole range of personnel policies, grievances, all matters which relate to faculties. I can attest that she has been consistently tough-minded. The President said that she is analytical. She certainly is. She has an eye for detail as well as for a wide range of perspective in the institution. She has served on a number of major committees and commissions. She has a national reputation in health affairs, sitting on a number of national panels in Washington. She is an expert in her field--communication. She has been of invaluable assistance to me and I shall miss her, but I know she will do a splendid job in almost anything she would undertake. So I commend her to you very highly, indeed.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 78-56

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignations from Administrative Positions, Leaves of Absence Without Salary, and Emeritus Title are recommended for approval.

President Enarson made the following statement:

I wish to report to the Board the proposed resignations of two academic administrators who have served with distinction in their respective posts.

Dr. Richard H. Bohning, Dean of the College of Biological Sciences, and Dr. William E. Hall, Director of the School of Journalism, have indicated their desire to resign from their administrative positions effective June 30, 1978. I want to say a word about both of them.

Dr. Bohning has served the University for more than 30 years--as a faculty member and Associate Dean in the College of Agriculture, and for the past nine years as Dean of the College of Biological Sciences.

Under his leadership as Dean, the Biological Sciences have developed into strong disciplines on this campus and he has brought to the College both fiscal stability and academic integrity.

He has served on numerous major University committees and councils, always giving selflessly of his time and dedication to the best interests of the University at large. He has, in short, been a key member of our academic community for more than three decades.

Dr. Hall became Director of the School of Journalism in 1966, coming to us from the University of Nebraska where he had served with distinction for ten years.

During his twelve years as Director, our School has become one of the most notable in journalism education in the nation. A recent accreditation visit by the American Council on Education in Journalism gives us high marks in each of our three major sequences (news-editorial, public relations, and radio-television news). And our students have won more national honors this past year than during any previous period.

We are proud of this impressive record, and to both Dean Bohning and Dr. Hall we express our grateful appreciation for their leadership and for their dedication to The Ohio State University.

December 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the November 4, 1977 meeting of the Board, including the following Resignations from Administrative Positions, Leaves of Absence Without Salary, and Emeritus Title as detailed in the University Budget for 1977-78, be approved.

Resignations from Administrative Positions

RICHARD H. BOHNING who has served as Dean of the College of Biological Sciences since 1969 has asked to be relieved of this administrative responsibility, effective June 30, 1978.

WILLIAM E. HALL who has served as Director of the School of Journalism since 1966 has asked to be relieved of this administrative responsibility, effective June 30, 1978.

Leaves of Absence Without Salary

WILLIAM H. HALVERSON, Associate Dean, University College, effective March 1, 1978 through March 31, 1978, to pursue a study of the Norwegian System of Higher Education, Bergen State College.

RAYMOND W. DOSKOTCH, Professor, College of Pharmacy, effective December 1, 1977 through December 31, 1977, to accept a Visiting Professorship at the University of Wisconsin.

MICHAEL L. BENEDICT, Associate Professor, Department of History, effective January 1, 1978 through September 30, 1978, to accept a Guggenheim Fellowship.

WILLIAM C. SLATER, Assistant Professor, Department of Botany (Newark Campus), effective January 1, 1978 through March 31, 1978, for personal reasons.

VIVIAN STEAHLY, Assistant Professor, Department of English (Lima Campus), effective January 1, 1978 through March 31, 1978, for personal reasons.

EUGENE J. WATTS, Assistant Professor, Department of History, effective May 1, 1978 through September 30, 1978, to accept a National Endowment of the Humanities Fellowship to be in residence at the Newberry Library.

MARTHA S. ALT, Instructor, University Libraries, effective January 1, 1978 through June 30, 1978, for personal reasons.

Emeritus Title

RICHARD C. NELSON, Department of Physics, with the title Professor Emeritus, effective January 1, 1978.

December 8, 1977 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Mr. Gushman expressed thanks to Dr. Bonner:

Before proceeding with the vote on the other personnel actions, I would like to simply say that I have known John Bonner for many years and on behalf of the Board, John, I would like to thank you for your dedicated service to this University and if you would please stand we would like to give you a little round of recognition.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-57

Synopsis: The report on contracts, grants, and gifts and the summary for October is presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration and The Ohio State University Development Fund during the month of October, 1977, be approved.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	13	\$ 413,284.00
The Ohio State University Research Foundation	64	4,962,137.37
The Engineering Experiment Station	4	148,796.00
		\$5,524,217.37
The Ohio State University Development Fund	3,448 Donors	\$ 863,430.94
Establishment of Named Funds		
Battelle Scholars Program (Undergraduate Student Scholarships)		\$656,000.00
The Josephine Sitterle Failer Scholarship in Pharmacy (College of Pharmacy)		20,000.00
Lucile Marine Education Support Fund (College of Education)		15,966.00
Dr. Edwin R. Blamey and Mrs. Isabel Blamey Scholarship Fund in Veterinary Medicine (College of Veterinary Medicine)		10,000.00

December 8, 1977 meeting, Board of Trustees

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$162,002.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation, July 1, 1977 through June 30, 1978. (Grant No. MCT-000922-11-1)

\$90,140.00 - Department of Health, Education, and Welfare, Office of Human Development, Administration on Aging, Washington, D. C., Consortium to Expand Use of Retired Technician as Volunteers to Strengthen Occupational Education in Post-Secondary Institutions, The Center for Vocational Education, August 1, 1977 through July 31, 1978. (Grant No. 90-A-1157[01])

\$39,302.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Postsecondary Education, Washington, D. C., Reimbursement of National Defense/Direct Student Loan principal cancelled due to teacher and/or military service and the interest which was prevented from accruing during Fiscal Year ending June 30, 1976, Student Financial Aids, letter dated September 20, 1977. (Appropriation No. 7570293)

\$9,000.00 - U. S. Office of Education, Office of Career Education, Grant and Procurement Management Division, Washington, D. C., Index of Interim, Supplemental and Final Reports from Career Education Pilot Projects Supported Under Part C and Part D of Public Law 90-576, The Center for Vocational Education, September 29, 1977 through May 31, 1978. (Appropriation No. 7570271)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$300,444.00
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State of Ohio Contracts/Grants

\$57,531.00 - State of Ohio, Department of Education, Columbus, Ohio, Adult Basic Education - Staff Development, Academic Faculty of Vocational-Technical Education, 1977 Fiscal Year.

\$32,124.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, The Development of Common Core Curricula and Standard Personnel Development Program Criteria for Vocational Teacher Education, Academic Faculty of Vocational-Technical Education, October 30, 1977 through September 30, 1978.

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$9,000.00 - State of Ohio, Ohio Youth Commission, Columbus, Ohio, for training teachers in the use of DTIMS materials in assessing students, planning instruction based upon the assessment findings, implementing the instruction and evaluating the results, Academic Faculty of Exceptional Children, September 1, 1977 through June 30, 1978.

\$4,000.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, In-Service Workshop - Gifted and Talented, Academic Faculty of Exceptional Children, July 25, 1977 through August 12, 1977.

\$2,500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, 1977/1978 Dance Touring Program, Department of Dance, July 1, 1977 through April 30, 1978.

\$2,010.00 - State of Ohio, Department of Education, Columbus, Ohio, for a one-day workshop in pedestrian and/or driver education, The Center for Vocational Education, September 26, 1977.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS	\$107,165.00
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Industrial and Other Contracts/Grants

\$2,557.00 - State of Iowa, Department of Public Instruction, Des Moines, Iowa, AEA Career Guidance Workshop, The Center for Vocational Education, October 23, 1977 through October 27, 1977.

\$1,840.00 - State of West Virginia, State Board of Education, Vocational Bureau, Charleston, West Virginia, planning and conducting a state-wide career guidance workshop for selected school counselors, guidance counselors, and vocational counselors, The Center for Vocational Education, September 19, 1977 through September 27, 1977.

\$1,278.00 - State of California, Office of Criminal Justice Planning, Sacramento, California, to provide consultative technical assistance in establishing a correctional school district, The Center for Vocational Education, August 7, 1977 through August 11, 1977.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS	\$5,675.00
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December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,070,000.00 - Federal Energy Administration, Washington, D. C., Provide Technical Assistance to State Regulatory Commissions in Developing Conservation Programs, College of Engineering, 1 October 1977 through 28 October 1978. (Project 710786 - New)

\$911,000.00 - Department of State, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistant Bureau, AID and the Department of Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology, 29 September 1977 through 28 September 1979. (Project 710704 - New)

\$283,967.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, The Center for Vocational Education, 14 September 1977 through 13 September 1978. (Project 710777 - New)

\$196,460.00 - Department of the Interior, Fish and Wildlife Services, Washington, D. C., A Summary of Knowledge of the Fish and Wildlife Resources of the Coastal Wetlands of the Great Lakes of the United States, Center for Lake Erie Area Research, College of Biological Sciences, 30 September 1977 through 29 September 1978. (Project 710779 - New)

\$114,460.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science-Mathematics Education, 1 October 1977 through 30 September 1978. (Project 710821 - New)

\$100,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Radar Cross Section Studies and Calculations (U), ElectroScience Laboratory, Department of Electrical Engineering. (Project 784346 - Modification No. P00004)

\$95,000.00 - Department of Health, Education, and Welfare, Office of Education, Grant and Procurement Management Division, Washington, D. C., Evaluation and Research Program for the Portable Braille Recorder (Digi-Cassette), Academic Faculty for Exceptional Children, 1 October 1977 through 30 September 1978. (Project 710738 - New)

\$89,357.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine, 1 September 1977 through 31 August 1978. (Project 764576 - Extension No. 1)

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$88,945.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Adaptive Behavior - Children's Scale Behavior, Nisonger Center for Mental Retardation, Office of Health Sciences, 16 August 1976 through 30 September 1978. (Project 784557 - Revision No. 2)

\$86,387.00 - Energy Research and Development Administration, Albuquerque, New Mexico, Salt - Gradient Solar Pond Development, Department of Physics, 30 September 1977 through 31 March 1978. (Project 710793 - New)

\$85,700.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Employment and/or Further Training of Health Trained Veterans (MEDIHC Program), Department of Medicine Administration, 30 September 1977 through 28 September 1978. (Project 710768 - New)

\$77,332.00 - Department of Labor, Washington, D. C., A Proposal to Assess the Impact of Regulatory Changes on Collective Bargaining Strategies and Outcomes in the Gas and Electric Utilities with the State of Ohio, Academic Faculty of Management Science, 29 September 1977 through 28 September 1978. (Project 710818 - New)

\$75,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Grant in Support of Administration of the Cooperative Education Program at The Ohio State University, Department of Mechanical Engineering, 1 September 1977 through 31 August 1978. (Project 710790 - New)

\$70,360.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology. (Project 760702 - Modification No. F49620-77-C-0110)

\$68,443.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Columbus Area Reading Academy, College of Social Work, 1 September 1976 through 31 August 1978. (Project 784523 - Revision No. 1)

\$66,489.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Antigenicity of Precancerous Lesions in Animal Models, Department of Veterinary Pathobiology, 30 September 1977 through 29 September 1978. (Project 710820 - New)

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,329.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Toxoplasma Gondii and Oocyst Shedding, Department of Veterinary Pathobiology, 30 September 1977 through 31 August 1978. (Project 710823 - New)

\$64,430.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Basic Research in 3-Dimensional Imaging for Transient Radar Scattering Signatures, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784785 - Modification No. P00001)

\$63,615.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Visual Response System Demonstration Project, Academic Faculty for Exceptional Children, 1 October 1977 through 30 September 1978. (Project 710824 - New)

\$58,023.00 - Department of Labor, Washington, D. C., Alternative Approaches to Grievance Resolutions, Academic Faculty of Labor and Human Resources, 29 September 1977 through 28 September 1978. (Project 710819 - New)

\$55,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Pilot Study and Research on Increasing Reading Rates with the Optacon, Academic Faculty for Exceptional Children, 1 October 1977 through 30 September 1978. (Project 710740 - New)

\$51,282.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Computer Assisted Budgeting for the Currently Unemployed, School of Home Economics, 1 October 1977 through 30 September 1978. (Project 710785 - New)

\$48,488.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Silver Spring, Maryland, Therapy of Patients with Brain Tumors, Department of Surgery, 1 November 1975 through 31 October 1978. (Project 784327 - Modification No. 4)

\$46,819.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry, 1 September 1977 through 31 August 1978. (Project 710689 - Extension No. 12)

\$35,202.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Investigations of the Pathogenesis of Feline Leukemia, Department of Veterinary Pathobiology, 30 September 1977 through 31 August 1978. (Project 710705 - New)

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,574.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Radar Identification of Naval Vessels, ElectroScience Laboratory, Department of Electrical Engineering, 15 September 1976 through 30 September 1978. (Project 784558 - Modification No. P00002)

\$29,590.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784311 - Sponsor letter dated 3 October 1977)

\$26,300.00 - Department of Agriculture, Agricultural Research Service, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology, 16 June 1977 through 30 June 1979. (Project 784758 - Sponsor letter dated 16 September 1977)

\$24,700.00 - National Science Foundation, Washington, D. C., Ohio Regional Conferences on Mathematics Education, Academic Faculty of Science-Mathematics Education, 7 September 1977 through 31 December 1978. (Project 710811 - New)

\$23,865.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Deformation Structures in Metal Crystals Due to Wear and Machining at High Speeds, Department of Industrial and Systems Engineering, 1 December 1977 through 30 September 1978. (Project 710709 - New)

\$21,492.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology, 30 September 1977 through 31 August 1978. (Project 710701 - New)

\$18,500.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Aviation, 1 September 1976 through 30 September 1978. (Project 784511 - Supplement No. 2)

\$18,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology. (Project 784676 - Modification No. P00001)

\$15,800.00 - National Science Foundation, Washington, D. C., Rotation and Charge of a Black Hole in Radiative Equilibrium: Quantum Transitions, Dissipation and Fluctuations, Department of Mathematics, 1 August 1977 through 31 July 1979. (Project 710810 - New)

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,993.00 - Department of Labor, National Commission on Employment/Unemployment Statistics, Washington, D. C., Proposal for a Background Paper on User Needs for Employment and Unemployment Statistics in Program and Policy Evaluation, Academic Faculty of Labor and Human Resources, 1 October 1977 through 15 January 1978. (Project 710825 - New)

\$9,915.00 - ACTION/Peace Corps, Washington, D. C., Vocational Technical Education Leadership Recruitment, Academic Faculty for Vocational and Technical Education, 27 September 1977 through 15 September 1978. (Project 710822 - New)

\$9,800.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Antenna Pattern Prediction, ElectroScience Laboratory, Department of Electrical Engineering, 1 October 1976 through 1 January 1978. (Project 784575 - Modification No. P00002)

\$9,500.00 - Department of the Interior, Fish and Wildlife Service, Twin Cities, Minnesota, An Investigation of Mortality of Lake Trout Stocked by Airplanes, Department of Zoology, 15 September 1977 through 31 December 1978. (Project 710769 - New)

\$3,900.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Ecology, Department of Zoology, 15 October 1977 through 31 October 1979. (Project 710706 - New)

\$180.00 - Department of the Army, Army Engineer District, Buffalo, New York, Great Lakes Shoreline Damage Survey for the State of Ohio - Phase II, Department of Civil Engineering. (Project 710532 - Modification No. P00002)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$4,220,197.00**

State of Ohio Research Contracts/Grants

\$100,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, Center for Real Estate Education and Research, College of Administrative Sciences, 1 July 1977 through 30 June 1978. (Project 710828 - New)

\$73,700.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology, 1 October 1977 through 30 September 1978. (Project 710805 - New)

\$17,000.00 - State of Ohio, Department of Health, Division of Chronic Diseases, Columbus, Ohio, Language Retraining for Aphasic Individuals, Department of Communication, 1 October 1977 through 30 September 1978. (Project 710707 - New)

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$9,950.00 - State of Ohio, Department of Health, Office of Health Planning, Columbus, Ohio, Manpower for Ohio Hospitals: A Planning Analysis, Department of Preventive Medicine, 1 July 1977 through 30 September 1978. (Project 784753 - New)

\$8,361.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics. (Project 710295 - Sponsor letters dated 8 July 1977 and 11 August 1977)

\$6,480.00 - State of Ohio, Department of Education, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration, 1 September 1977 through 31 August 1978. (Project 710691 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$215,491.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$82,197.00 - City of Columbus, Department of Community Services, Columbus, Ohio, Reading Outreach, College of Social Work, 26 September 1977 through 10 October 1978. (Project 710803 - New)

\$74,690.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Adaptive Behavior Analysis Program, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 September 1977 through 31 August 1978. (Project 710683 - New)

\$64,898.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine. (Project 784638 - Amendment No. 1)

\$58,005.00 - Battelle-Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology and Pharmacology, 1 April 1975 through 30 September 1978. (Project 784155 - Supplement No. 8)

\$40,931.00 - University of Oklahoma, Norman, Oklahoma, Development Center for the Preparation of Supplemental Instructional Units Based on Current Crustal Research for Use in Grades 8-10, Academic Faculty of Science-Mathematics Education, 1 August 1977 through 31 August 1978. (Project 710703 - New)

\$33,641.00 - DASI Industries, Inc., Chevy Chase, Maryland, Quantification of the Denaturation of Serum Proteins, Caseins and the Extent of Casein-serum Protein Interaction that Occur in Ultra-High Temperature Preserved Milk, Department of Food Science and Nutrition, 1 November 1977 through 31 January 1979. (Project 710813 - New)

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$32,983.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Preschool Classroom Units, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 September 1977 through 31 August 1978. (Project 710682 - New)

\$26,617.79 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry. (Project 710039 - OSURF letter dated 3 October 1977)

\$23,680.00 - DASI Industries, Inc., Chevy Chase, Maryland, Enzymatic Activity in Sterile Milk Products, Department of Food Science and Nutrition, 1 November 1977 through 31 January 1979. (Project 710812 - New)

\$20,978.00 - Upper Arlington Schools, Columbus, Ohio, The Upper Arlington Career Education Internship Program, Academic Faculty of Special Services, 1 October 1977 through 30 June 1978. (Project 710807 - New)

\$19,885.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of *in vitro* Methods Used in Toxicological Research, Department of Veterinary Clinical Sciences, 1 July 1976 through 30 September 1978. (Project 784427 - Agreement dated 27 October 1977)

\$15,344.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Early Childhood Training, Nisonger Center for Mental Retardation, Office of Health Sciences, 1 September 1977 through 31 August 1978. (Project 710684 - New)

\$8,799.58 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry. (Project 782070 - OSURF letter dated 3 October 1977)

\$7,500.00 - Madison County Schools, London, Ohio, Martin Essex School for the Gifted, Academic Faculty of Exceptional Children, 15 July 1977 through 30 November 1977. (Project 710690 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Importance of Oxygen Radicals in Monocyte Function, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710829 - New)

\$5,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences. (Project 783911 - Check dated 6 September 1977)

\$5,000.00 - Madison County Mental Health Center, Madison County Hospital, London, Ohio, Madison County Mental Health Center Internship Program, Academic Faculty of Special Services, 1 October 1977 through 30 June 1978. (Project 710809 - New)

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$300.00 - The Presbytery of Scioto Valley, United Presbyterian Church, U.S.A., Columbus, Ohio, A Pamphlet Describing the OSU Right-to-Read Program, College of Social Work, 1 November 1977 through 30 November 1977. (Project 710835 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$526,449.37
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ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research

\$110,000.00 - Electric Power Research Institute, Palo Alto, California, Study of Electrostatic DC Fields in Converter Stations, Department of Electrical Engineering, September 1, 1977 through September 30, 1978. (EES 571)

\$18,817.00 - City of Columbus, Division of Sewage and Drainage, Columbus, Ohio, Elimination of Filamentous Blue-Green Algae at the Southerly Sewage Treatment Plant, Department of Civil Engineering, October 12, 1977 through October 11, 1978. (EES 547, Extension No. 1)

\$10,000.00 - Columbia Gas System Service Corporation, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, July 15, 1977 through July 14, 1978. (EES 510)

\$9,979.00 - ABEX Corporation, Mohawk, New Jersey, Ultrasonic Removal of Sand from Castings, Department of Engineering Mechanics, October 1, 1977 through December 31, 1977. (EES 573)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH	\$148,796.00
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THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$100,000.00 from The Ohio Association of Realtors, Columbus, Ohio, (given in the names of H. J. Roesch, Jr., J. J. Spatz, D. W. Marks, J. R. Stewart, D. E. Fender, Jr., R. L. McAllister, K. A. Shoemaker, J. M. Burtch, III, T. A. Lockwood, and C. A. Rice), for the John W. Galbreath Chair in Real Estate.

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$55,150.00 from The Yassenoff Foundation, Inc., Columbus, Ohio--\$25,000.00 for Leo Yassenoff Chair of Jewish Philosophy; \$15,000.00 for University Activities Center; \$7,650.00 for various projects at the University; and \$7,500.00 for Student Athlete Grant-in-Aid Fund.

\$54,568.00 from Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for Glenna R. Joyce Trust Scholarship Fund.

\$34,938.52 from Systems Associates-Clearing Account, Columbus, Ohio--\$32,671.71 for Department of Medicine General Fund and \$2,266.81 for Clinical Pharmacology of Dobutamine-Eli Lilly Company Fund.

\$26,276.72 from Louise Orr Scott Foundation, Columbus, Ohio--\$19,707.54 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,569.18 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$25,000.00 from Mansfield O.S.U. Campus Fund, Mansfield, Ohio, for Mansfield Campus Support Fund.

\$25,000.00 from Everett D. Reese Fund of the Columbus Foundation, Columbus, Ohio, (given in the name of Everett D. Reese)--\$20,000.00 for Everett D. Reese Arthritis Research Fund and \$5,000.00 for Harry E. LeFever Fund for Education in Neurological Surgery.

\$25,000.00 from Fritz Straumann Surgical Research Fund, Waldenburg, Switzerland, for Veterinary Surgery Research Fund.

\$22,392.50 from Burroughs-Wellcome Co., Research Triangle Park, North Carolina, for Clinical Pharmacology Fund.

\$21,917.46 from Consolidated Business Services, Inc., Columbus, Ohio, for Department of Medicine General Fund.

\$20,000.00 from Shell Companies Foundation, Columbus, Ohio--\$5,000.00 for Shell Companies Foundation Fund for Metallurgical Engineering; \$5,000.00 for Shell Companies Foundation Fund for Chemical Engineering; \$5,000.00 for Electrical Engineering; and \$5,000.00 for Management Science Faculty Support Fund.

\$17,500.00 from General Electric Foundation, Bridgeport, Connecticut--\$10,000.00 for Affirmative Action Program in Engineering and \$7,500.00 for Department of Metallurgical Engineering Support Fund.

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$16,000.00 from The E. F. Wildermuth Foundation, Columbus, Ohio, for loans and scholarships in the College of Optometry.

\$14,000.00 from Ohio Lions Eye Research Foundation, Steubenville, Ohio, for Institute for Research in Vision.

\$12,000.00 from Hoffmann-LaRoche, Inc., Nutley, New Jersey, for the Hoffmann-LaRoche, Inc., Research Fund.

\$10,000.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware, for E. I. du Pont-Haskell Laboratory Fellowship in Veterinary Pathology.

\$10,000.00 from Ohio Florists Association, Columbus, Ohio, for D. C. Kiplinger Chair in Floriculture.

\$10,000.00 from Everett D. Reese Fund of the Columbus Foundation, Columbus, Ohio, (given in the name of Mrs. Robert M. Zollinger), for Everett D. Reese Fund for Gastrin and CEA Studies Fund.

\$9,100.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

\$7,125.00 from Merck & Company, Inc., Rahway, New Jersey, for Infectious Disease Research Fund.

\$7,000.00 from Nephrology Associates, Columbus, Ohio, for Renal Disease Research Fund.

\$6,926.00 from Melvin E. Moffitt Estate, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$6,900.00 from Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

\$6,589.56 from Carl and Grace Baldwin Trust, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,304.00 from Dade Division-American Hospital Supply Corporation, Miami, Florida, for Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$6,300.00 from Richard H. Keates, M.D., Inc., Columbus, Ohio, (given in the name of Richard H. Keates), for Eye Bank Fund.

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$6,000.00 from The Standard Oil Company, Cleveland, Ohio--\$4,000.00 for Sohio Chemical Engineering Fund and \$2,000.00 for Affirmative Action Program in Engineering.

\$5,136.32 from The Huntington National Bank, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from The Allstate Foundation, Hudson, Ohio, for Allstate Foundation Nursing Scholarship Program.

\$5,000.00 from John Peter Minton, M.D., Columbus, Ohio--\$2,500.00 for Zollinger Research Fund and \$2,500.00 for Cancer Research Fund.

\$5,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for John W. Galbreath Chair in Real Estate.

\$5,000.00 from Union Carbide Corporation, New York, New York, for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering.

Establishment of Named Funds

Battelle Scholars Program

The Battelle Scholars Program was established December 8, 1977, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University through the Development Fund from Battelle Memorial Institute Foundation, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income and principal is to be used to provide for not less than ten (10) nor more than twenty (20) additional academic scholarships in the amount of \$1,500 each year. Each such annual scholarship shall be awarded to students of high leadership potential who reside in Franklin and contiguous counties. The recipients of such scholarships shall be designated and referred to as "Battelle Scholars." For any academic year beginning after the Battelle Scholars Program has been in effect for 10 years, the number and dollar amount of scholarships awarded annually under this program may be varied, as determined by the University. Distributions from the Battelle Scholars Program for this purpose may be made from income or principal or both, until the Battelle Scholars Program is exhausted.

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Josephine Sitterle Failer Scholarship in Pharmacy

The Josephine Sitterle Failer Scholarship in Pharmacy was established December 8, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates in honor of Josephine Sitterle Failer, B.S.Pharm. '39, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest or reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduates in the College of Pharmacy. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the College of Pharmacy.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for Pharmacy education.

Lucile Marine Education Support Fund

The Lucile Marine Education Support Fund was established December 8, 1977, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the late Lucile Marine, B.A. '15, B.Sc. '15, formerly of Toledo, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the support of the College of Education. All requisitions for the use of the money are to be approved by the Dean of the College of Education.

Should the need for the Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for teaching education.

December 8, 1977 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dr. Edwin R. Blamey and Mrs. Isabel Blamey Scholarship Fund in Veterinary Medicine

The Dr. Edwin R. Blamey and Mrs. Isabel Blamey Scholarship Fund in Veterinary Medicine was established December 8, 1977, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Progressive Dog Club of Greater New York, to honor Dr. Edwin R. Blamey and Mrs. Isabel Blamey for their outstanding service and commitment of time, talents and energy for the betterment of pure-bred dogs and toy dogs in particular.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships in honor of Dr. Edwin R. Blamey and Mrs. Isabel Blamey, for students of The Ohio State University College of Veterinary Medicine, who have demonstrated exceptional ability and/or need for financial assistance.

The selection of the recipient of said scholarship(s) is to be made upon the recommendation of the Dean of the College of Veterinary Medicine. Whenever possible, preference is to be shown to those students who have expressed an interest in toy dogs and who are involved in toy breeds research.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medicine education.

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EMPLOYMENT ARCHITECT/ENGINEER

CANCER CENTER

Resolution No. 78-58

Synopsis: Vertical expansion of Wiseman Hall with a two-story addition containing 23,333 gross square feet, to house maximum-containment research laboratories for cancer research, with limited spaces for administration and program evaluation.

December 8, 1977 meeting, Board of Trustees

EMPLOYMENT ARCHITECT/ENGINEER (contd)

CANCER CENTER (contd)

WHEREAS the present Ohio State University's Cancer Center offices are temporarily housed in McCampbell Hall, which facility's prime use is not related to cancer research, and it has neither central laboratory facilities nor centralized administrative and record-keeping space; and

WHEREAS as cancer research progresses and experiments involve more potential sources of contamination and disease transfer mechanisms, the need for higher containment of laboratory facilities is required to protect the public, the investigators and technicians, and the experimental procedures; and

WHEREAS \$1,000,000 has been provided from H. B. 618 and \$1,681,875 has been provided by the National Cancer Institute for the design and construction of this project:

NOW THEREFORE

BE IT RESOLVED, That the firm of Dan A. Carmichael of Columbus, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans for the additional third and fourth floors over the entire building with basics and finals for only the area of this project known as the "Cancer Center," which includes basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$2,681,875.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 78-59

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval.

December 8, 1977 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

**MASONRY REPAIRS - EXTERIOR 1978
(BIOLOGICAL SCIENCES BUILDING AND CAMPBELL HALL)**

Project: Perform preventive maintenance work to prevent entrance of water and subsequent damage to the buildings.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$156,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 78-60

Synopsis: Contracts have been awarded for three projects to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for each of the following projects:

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III

Description: Continuation of the energy conservation programs for The Ohio State University. This project includes additional project work in various buildings which will expand the capability of the system and will be within design parameters for energy savings and communications originally established.

December 8, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III (contd)

Temperature Control Contract

Date Received:	April 16, 1975*
Bids:	Alternate, unit price bids, and pricing procedures established when bids were received on Phase I and II of this project by the Department of Administrative Services, Division of Public Works.*
Estimate of Cost:	\$550,000*
Total Project Cost:	\$550,000*
Awarded to:	Johnson Controls, Inc. (Columbus, Ohio)*
Total Contingency Allowance:	Not Applicable
Funding:	H.B. 618 (Utilities and Renovation 77-79 Biennium)

*Change orders will be processed by the Division of Public Works to include alternate bids, and unit price items applicable to the expansion of the scope of the work on the Central Campus Energy Control Center.

WENDELL D. POSTLE HALL - VENTILATION IMPROVEMENTS

Description: Conversion of ventilation system to reduce operational costs and improve environmental conditions for occupants.

Mechanical Contract

Date Received:	November 17, 1977
No. of Bids:	1
Low Bid:	\$53,200.00*
Estimate of Cost:	\$50,000.00*

*Mechanical Contract was in excess of the filed estimate of cost; however, the price of the contract is within ten percent of the total cost for the project and was therefore recommended to the Division of Public Works for award as provided by Section 153.12 of the Ohio Revised Code.

December 8, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

WENDELL D. POSTLE HALL - VENTILATION IMPROVEMENTS (contd)

Mechanical Contract (contd)

Awarded to:	Morris Sheet Metal (Columbus, Ohio)
Total Contingency Allowance:	\$ - 0 -
Total Project Cost:	\$55,000.00
Funding:	Budget Account 210134 (Contract Repair)

**MERSHON AUDITORIUM, STARLING-LOVING HALL AND RESEARCH CENTER
FIRE ALARM SYSTEM IMPROVEMENTS**

Description: Installation of fire alarm systems in Mershon Auditorium, Starling-Loving Hall and Research Center, which will expedite notification to fire departments and provide improved safety for occupants.

Electrical Contract

Date Received:	November 23, 1977
No. of Bids:	4
Low Bid:	\$ 47,350.00
High Bid:	\$241,618.00
Estimate of Cost:	\$ 60,000.00
Awarded to:	Eastmoor Electric (Columbus, Ohio)
Total Contract:	\$ 47,350.00
Total Contingency Allowance:	\$ 3,694.00 which is 8 percent of construction costs
Total Project Cost:	\$ 52,000.00
Funding:	Budget Account 885043 (Campus Safety Improvements)

December 8, 1977 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are hereby reported.

Mr. Havens requested that action on the Central Campus Energy Control Center - Phase III, be delayed until the February meeting. Mr. Gushman asked if any Trustee objected to postponing the vote on this project. No one voiced disapproval. The vote for the Wendell D. Postle Hall - Ventilation Improvements and Mershon Auditorium, Starling-Loving Hall and Research Center, Fire Alarm System Improvements was taken.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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ACCESSION OF PROPERTY--1217-1225 WEST BROAD STREET

Resolution No. 78-61

Synopsis: Accession of property at 1217-1225 West Broad Street is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: Parcels 1 and 2 of L. B. Gardner's Subdivision, known as Franklin County Auditor's Parcel Number 42681, more commonly known as 1217-1225 West Broad Street, Columbus, Franklin County, Ohio; and

WHEREAS the property shall be donated as a gift to the University through the Development Fund, subject to the condition that if said property is sold within a two-year period after acceptance, the selling price shall not be less than 75 percent of the present appraised value; and

WHEREAS as a further condition the proceeds from any use and/or subsequent sale of the gift property shall be earmarked for the John W. Galbreath Chair in Real Estate; and

WHEREAS it has been determined that accepting said gift to further the development of the John W. Galbreath Chair in Real Estate is in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That said property be accepted as a gift to the University through the Development Fund, from Helen G. Feibel and Joan M. Wears by their conveyance by General Warranty Deed to the Board of Trustees of The Ohio State University; and

December 8, 1977 meeting, Board of Trustees

ACCESSION OF PROPERTY--1217-1225 WEST BROAD STREET (contd)

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to said property in the name of the Board of Trustees of The Ohio State University.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACCESSION OF PROPERTY--18.685 ACRES ON SHIER-RINGS ROAD
20.988 ACRES ON EITERMAN ROAD**

Resolution No. 78-62

Synopsis: Accession of 18.685 acres on Shier-Rings Road and 20.988 acres on Eiterman Road is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: 18.685 acres located at the corner of Wilcox Road and Shier-Rings Road and 20.988 acres located on the south side of Route 33, on Eiterman Road;

WHEREAS an inter-vivos trust was created October 8, 1967 by Carol S. Kennedy, naming The Ohio State University as beneficiary of property held by the trust; and

WHEREAS the property shall be donated as a gift to the University through the Development Fund, subject to the condition that in the event good and marketable title is not evidenced, the University may request as an alternative that the Trust Estate dispose of the property and disburse the balance of the proceeds to the University; and

WHEREAS said property shall be held for long-term gain, to be utilized for general purposes:

NOW THEREFORE

BE IT RESOLVED, That the property be accepted as a gift to the University through the Development Fund, from the Trustee of the Estate of Carol S. Kennedy, First Trust Company, through their conveyance by General Warranty Deed to the Board of Trustees of The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to said property in the name of the Board of Trustees of The Ohio State University, or as an alternative be authorized to instruct the Trust to dispose of the property on behalf of the University and disburse the balance of the proceeds to the University.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 8, 1977 meeting, Board of Trustees

PURCHASE OF PROPERTY--333 WEST NINTH AVENUE

Resolution No. 78-63

Synopsis: Purchase of property located at 333 West Ninth Avenue, Columbus, Ohio, is proposed.

WHEREAS it is in the public interest and necessary to provide additional parking facilities for University students, faculty, personnel and public visitors; and

WHEREAS the property owned by Paul D. and Ruth Ritter, and known as 333 West Ninth Avenue, Columbus, Ohio, is necessary to the proper development of said off-street parking facilities; and

WHEREAS the Board of Trustees had been unable to agree with the owners of said property, and it was therefore necessary to appropriate fee simple interest in said property pursuant to the laws of the State of Ohio, such action being authorized by the Board of Trustees on December 15, 1976; and

WHEREAS pursuant to said action, a Jury Verdict was delivered in November, 1977, setting a value of \$65,500 on the property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property, title to be taken in the name of the State of Ohio for the use of The Ohio State University from Paul D. and Ruth Ritter, for the sum of Sixty-Five Thousand Five Hundred Dollars (\$65,500.00).

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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WARNER CABLE - BROADCASTING CONTRACT

Resolution No. 78-64

Synopsis: Approval for an agreement to televise basketball and other athletic events through Warner Cable of Columbus, Inc., is proposed.

WHEREAS bids were solicited for a contract to televise certain athletic events at The Ohio State University for 1977-78 in accordance with specifications developed by the Director of Athletics, Department of Purchasing, and legal counsel; and

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WARNER CABLE - BROADCASTING CONTRACT (contd)

WHEREAS bids were opened on November 17, 1977, in which Warner Cable of Columbus, Inc., proposed to carry a total of 20 athletic events on their QUBE program with 10 of the 20 events to consist of male varsity basketball and the other 10 events to cover non-revenue sports such as female basketball, baseball, and other athletic events to be determined; and

WHEREAS for this exclusive broadcasting right Warner Cable proposed to pay the University 40 percent of its gross receipts related to the broadcasting of these events and further that a guarantee of \$4,000 minimum for the 20 events be paid to the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into an agreement with Warner Cable of Columbus, Inc.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS

Resolution No. 78-65

Synopsis: Periodic review of academic administrators is proposed.

WHEREAS it is now generally accepted in higher education that limited term appointments in academic administration are demonstrably superior to indefinite appointments; and

WHEREAS such appointments require regularized reviews at periodic intervals; and

WHEREAS such regularized reviews are advantageous to both the individual and the University:

NOW THEREFORE

BE IT RESOLVED, That

- a) the President institute procedures for the periodic review of all members of the President's staff with subsequent reports on each evaluation to the Personnel Committee of the Board;
- b) the Administration require periodic reviews of all academic administrators and bring to the Board those rule changes required to give full force and effect to this policy; and

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

BE IT FURTHER RESOLVED, That only in rare and exceptional circumstances will term appointments in academic administration be extended beyond two consecutive terms.

President Enarson:

Chairman and members of the Board, the next item on your agenda is entitled 'Review of Appointments for Academic Administrators,' and I would say that this is one of the more important policy recommendations that I have ever had the privilege to bring to the Board. It is a matter that I think is vital in terms of the long-term interests of this University and I think it is entirely appropriate that it be discussed at whatever length the members of the Board desire. I would like to provide a bit of background, sketch what it is we propose, and then with your permission ask Dr. Kuhn, with whom I have worked very closely on this matter, to amplify my comments to set the stage for questions. For some time we have had a regular, periodic review of academic departmental chairmen; specifically, it is required that there be a term appointment for four years, renewable at the end of the four-year period, at which time would be review in depth of performance. I think, I am not exactly sure when, we moved this policy into the dean's level, but it was very soon after I came here five years ago. Roughly two-thirds of the deans now serving have been recruited in the past five and a quarter years since I came, and we have entered into an understanding, formalized by the terms of the offer of appointment, that the individual is appointed for a fixed term and indeed at the end of that term both the University and the individual are mandated in a sense to take a look at whether in the interest of the University and in the interest of the individual it is advantageous to continue for another term.

I think we feel, I know we feel, that this has been a helpful policy. It permits the individual to decide whether, all things considered, another term fits into his or her career objectives. It saves both the individual and the institution from the great temptation of drift. So what we are bringing to the Board here in a rather brief recommendation is a rather basic policy statement and direction. The resolution that you have before you, if I may, reads as follows: 'That the President institute procedures for the periodic review of all members of the President's Staff,' that is to say, all vice presidents including my immediate staff assistants, 'with subsequent reports on each evaluation to the Personnel Committee of the Board.' I should say parenthetically that this fits in with the objectives that Mr. Gushman, as Chairman, and as Chairman of the Personnel Committee and with whom I have discussed it. It is to the great advantage of the Board and it is most certainly to the advantage of me as your chief executive officer to review on a regular systematic basis the performance of the President's top associates.

The second part of the resolution resolves that the Administration require periodic reviews of all academic administrators and bring to the Board those rule changes required to give full force and effect to this policy. Reading on: 'BE IT FURTHER RESOLVED, That only in rare and exceptional circumstances will

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

President Enarson (contd)

term appointments in academic administration be extended beyond two consecutive terms.' Now if the Board chooses to act today, it will be necessary for us to come back with some fairly specific detailed rule changes in a number of different policies scattered throughout the Rules and Regulations of the Board. It is sometimes concluded that the periodic term is in some ways a guarantee of employment: it is not. A policy such as we are proposing today in no way dilutes the responsibility of all administrators at every level to review at all times the performance of line officers and staff officers of the University.

Mr. Gushman: This is not a four-year contractual commitment.

President Enarson: Exactly.

Mr. Gushman: OK, that has been one of my questions.

President Enarson:

It dilutes in no way that authority and that responsibility. We are responsible not only for annual review with respect to salary, we are responsible for reviewing and monitoring performance at all times. The narrow issue is whether an appointment will be for a fixed term or for an indefinite term and I have read all I can in the literature on this score. I have talked with a number of colleagues. I think I can say flatly that what we propose is consistent with the direction of thinking within the academic fraternity these days. Now before you raise the question of how you define 'academic administrators,' let me say that we are going to have to go on a case by case basis so to speak. Let me illustrate very simply, if one is in--I hesitate to single out an area but let us assume that one is in--is in--I am trying to pick one that is--

Dr. Sirak: The garage?

President Enarson: No, assuming that one is in one of the very fast moving areas--

Dr. Sirak: Aviation?

President Enarson:

I was thinking of Poultry Management, actually. But seriously, there are a number of areas within the University where if one is out of his or her field for a four-year period, it is very difficult to move back in because of the state of the knowledge, the state of the art, the constant flow of new information, etc. It is in these academic areas where we want the individual to face up to career questions, whether he or she wants to continue, and where we want ourselves as administrators to face up to the question of whether it is in the interest of the institution for the

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

President Enarson (contd)

person to have another tour of duty. On the other hand, if you have somebody who is performing skillfully as head of the Motor Pool, as head of the Student Health Service, as let us say assistant dean of a college with responsibilities which are largely if not entirely devoted, let us say, to student advising, record-keeping, etc. or if one is thinking of the Director of Financial Aid position: these are in essence careerist jobs and it would be folly for us to be arbitrary and say there is no reason why you should stay beyond eight years as Director of Financial Aid. Were we to establish such a policy it just would make no sense, so we are not able to give you now and we never will be able to give you a nice clean, clear dividing line definition of academic administrators, but the spirit of this resolution goes to that point. I have perhaps said more than I should.

Mr. Gushman:

I think I should say that this subject was originally scheduled for a meeting of the Educational Affairs Committee this morning. The time ran out with the other meetings we had, so we did not have a meeting of the Educational Affairs Committee. This is a *de no vo* subject being brought to this Board and we will see how the discussion goes and decide later after the discussion the question as to whether we vote today. So now is the time to get thoughts out on the table. Are you ready for that?

Dr. Kuhn:

Well, I think, I would simply reaffirm two or three things that the President has said. As we go to the American Council of Education meetings, as we go to the Land-Grant meetings, in short as we attend the meetings of the institutions that are comparable to us in size and programs, the issue of a periodic and regularized review of all academic administrators seems to be a kind of national policy. It is good for the individual and it is good for the institution. Now as the President said, we have had by University rules such a regularized process for department chairmen; however, we have not had a limitation upon terms and one of the proposals in this policy is that except in rare and exceptional instances such terms be limited to two consecutive terms. Our appointment for chairmen have been four years per term. Our appointment for deans, as we have informally practiced that policy, has been for five years. One of the differences--

Mr. Gushman: Have you had a limit on that?

Dr. Kuhn: No, we have not.

Mr. Gushman: Two terms or four terms?

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Dr. Kuhn:

No, we have not, that is one of the features of this. One of the features of this policy is that it would formalize the review process for deans as well as the department chairmen. It would also put a limit upon the term served. We put the term of five years upon the deans simply because that involves an extended nationwide search, it is expensive, and one does not want to be searching for deans all of the time. We felt that five years was a good period for the dean in comparison to the department chairmen. As I say, the other part of this policy which we are proposing is that there be some regularized kind of review process for all academic administrators.

Dr. Sirak: Irrespective of level?

Dr. Kuhn: Irrespective of level.

Dr. Sirak: Will you spell out the extent of how far down this reaches?

Dr. Kuhn:

Well, we will have to because an assistant dean serving in one college is not the same as an assistant dean serving in another college. The College of Law, for example, is a very small college and an assistant dean may serve a function there that is not characteristic of an assistant dean in the College of Mathematics and Physical Sciences; so simply to generalize about how assistant deans shall be reviewed is itself a difficult matter.

Dr. Sirak:

Will you also spell out the actual titles or whatever that this will extend down to.

Dr. Kuhn:

Precisely, indeed, you are asking the question, who are the academic administrators? These will need to be specified.

Mr. Gushman: And each one will know he is so designated.

Dr. Kuhn: Yes, yes.

Dr. Sirak:

In other words, this probably will come in ultimately in the form of a statement in the contract that he signs each year that indicates that he has an administrative responsibility as well as an academic one; would that not also be a possibility?

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Dr. Kuhn: Well--

Dr. Sirak: By title.

Dr. Kuhn:

It would show by title and perhaps in the faculty rules itself. For example, in our faculty rules for department chairmen there is specified a review process. If this policy is adopted, it would stipulate the same for deans of colleges. We will have to find a way to incorporate in the rules the definition of academic administrators and then, of course, that would--the person would understand at the beginning what the terms of that appointment are.

Dr. Sirak:

Yes, because I can see in certain colleges that you have assistant professors or associate professors who have and never do have any administrative responsibility.

Dr. Kuhn: Yes.

Dr. Sirak:

Whereas in others, they frequently may have it by designation of their department chairmen.

Dr. Kuhn: Precisely.

President Enarson:

I would direct the Board's attention to some language we labored over and I do not pretend for a moment that it is necessarily the final appropriate language--we say only in rare and exceptional circumstances will term appointments be extended beyond two consecutive terms. We could have said that normally they will not be extended beyond two terms that would soften it some, but rightly or wrongly, we were trying to create the presumption that by and large generally one could expect to serve two consecutive terms and that would be it.

Mr. Gushman: That is the part of it that frankly bothers me.

President Enarson: OK.

Mr. Gushman:

The periodic review is something, as you know, our Personnel Committee has been fostering. We think it is needed at the University, a little tighter discipline on--how are you doing in your job? And somebody assessing the performance from the outside. I wonder, if suppose we were recruiting and we were recruiting for a top-notch man who would fall within this definition--might he not say, 'Hey,

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Gushman (contd)

I am not going to a place where I can only have my job for eight years.' That is a relatively short time in a man's career. I am a little worried about that; I would like to hear you explore that a little more, because I would hate to see us run a top-notch administrator out because he has been here eight years.

Dr. Sirak:

Let me--may I speak to that a second. I think there are two things that bear on that: it depends upon what interval of time you assign to each term--because obviously the aggregate in years could be considerable or they could be very short depending upon what that--

President Enarson:

Mr. Gushman's point still--his suggestion--still rings in the air, that two times five is ten.

Dr. Sirak:

Well, but it does not necessarily have to be five, I mean, you have not settled on an exact number of years.

President Enarson: That is true.

Dr. Sirak: That is the point I am making.

President Enarson: That is true.

Dr. Sirak:

And that is something to be subsequently ironed out and discussed and brought back to the Board. The way I understand it is that you will want to get approved a framework in which to begin working out the details.

President Enarson:

That is right, but I am sharing with you my own ambivalence, if you will. I realize that it is bad for a President to come in expressing some hesitations on any part of a recommended resolution, but there is a distinction as you indicated a moment ago between the concept of periodic review and *de facto* you cannot have more than two terms. I think a direct answer to your question is, 'Yes to some degree we would be handicapped in recruiting, let us say, a 35-year-old professor of law for the Law school. Some individuals might conclude that if I am coming there as dean, I want to stay more than ten years as dean--that is the trap.'

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Gushman: That is what worries me.

Dr. Sirak:

Of course, the other point is that isn't the national average of individuals in deanships around ten years or fifteen years?

President Enarson: No, no, it is closer to four or five years.

Dr. Kuhn: Four or five years.

Dr. Sirak: They don't exactly look upon ten years as an eternity anyway.

Mr. Gushman: Each guy thinks he is the exception to the general rule.

Dr. Sirak:

The other thing I think--excuse me Al--that bears on this thing is the implicit suggestion--and maybe not carefully enough expressed and will be later--that individuals, although they may not be in administrative responsibilities, are not affected in their academic standing.

President Enarson:

Mr. Chairman, may I make a procedural suggestion. It is obvious that we are in a two stage process here and that the Board should not be asked to vote in the abstract on something. On the other hand, we would appreciate either your affirmation of the general principle or your rejection of it. One could drop the last 'BE IT FURTHER RESOLVED--' you could, if you agreed, support the two propositions (a) and (b)--that would, in effect, authenticate the general principle and when we came back--

Mr. Gushman: You could come back with some further--

President Enarson:

Right. Yes, because I really think we need further discussion on this point of how many terms--that is one--and secondly whether deans shall be four years or five years or six years or--

Dr. Sirak:

Well, that is going to come anyway no matter whether you pass it as it is stated now or otherwise. You have not settled on that interval of time, that is the point I was making.

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

President Enarson: That is right.

Mr. Gushman: So we are in the realm of four or five years , that is all that has been--

Dr. Sirak: Not necessarily.

Dr. Kuhn:

Well, we have, in fact, been informally operating on the five-year principle for deans, the four-year one is built into the University rules for chairmen.

Mr. Havens: How often is the periodic review? What do you mean by that?

President Enarson:

Well, take, for example, the chairmanship. These are now on a four-year basis and that simply means that the Provost and the Dean of the college organize procedures and processes for evaluation and we are, let me say this, I am determined that we not stumble into a position where there is simply a vote. What is needed is an opportunity for the supervisor to examine fully performance, to listen to whatever individual faculty members have to say, to get student reaction, to get the reaction in some instances of people outside the University, but we want to avoid a popularity contest. Just let me amplify in about one minute because when I was President of Cleveland State University, I saw one instance in which there was a faculty vote, it went against the individual and for all the wrong reasons. A particular supervisor was not sympathetic to the notion that a person should charge twice for a hotel room, so he had one enemy. The particular supervisor had denied tenure, so he had two enemies, and there were enough votes for the wrong reasons against the man that he never recovered from it. That is what we must avoid. We are not in a popularity contest.

Mr. Havens: Are you going to make a review at the end of the fourth year or every year?

President Enarson: It is the difference in depth.

Mr. Gushman: It is not just the place of the so-called annual--at least annual--

President Enarson:

The annual review we may conclude that the person gets a three percent salary increase instead of a six percent. We may talk to him in terms of some very serious and real concerns. There may be a health or morale problem. A person can be relieved of their duties either instantly or at the end of the year. But you are talking of the degree of depth of review. The individual--again to repeat--is forced to think seriously about career--about whether--and escape the drift.

December 8, 1977 meeting, Board of Trustees

REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Gushman:

I am receptive, but I would like to hear some comments from the rest of you. I am receptive to the idea of dropping the last sentence of this resolution for the time being till we hear a little more about it. I admit my mind is tarnished by business experience, but no way in business could we recruit the top-flight man and say at the end of eight years, unless you are exceptional, you are gone--or ten years. You know, you just--

Dr. Sirak: You are not gone, you are just not going to be there.

Mr. Gushman:

Well, but you are gone from the job for which you are being recruited. You may be able to teach or something like that, but obviously you are not going to be in the administrative position.

President Enarson: I agree with you.

Mrs. James: It just seems to me as though we've got a mixed job.

Dr. Sirak: We have got two jobs, and the major job is academic.

Mr. Hilliker:

Let me ask that question. What would be a rare and exceptional circumstance--an example--other than the fact that in the eyes of the administration the fellow is doing a real good job. Would there be others--or would that be one?

President Enarson:

Very briefly, supposing we have somebody who is, by every standard, an exceptional person who somehow manages despite the burdens of administrative responsibility to continue to be active professionally in the field, doing research, etc. Supposing also that we take a hard look at the department and we conclude that there is nobody who is even interested in taking on the administrative responsibility. There is a general illusion among the faculty to the effect that people are frantic to become administrators and that is simply not true. Some of the problems that administrators deal with yield very little applause--such as who tells the tenured faculty member that you really should teach an eight o'clock class, or who tells the individual that the room you have is entirely adequate. At least it is the only one we have for you, or who tells the individual faculty member that your teaching is really not as good as it might be.

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REVIEW OF APPOINTMENTS FOR ACADEMIC ADMINISTRATORS (contd)

Mr. Hilliker:

No, my concern would be if you do put in an exception like that, in most people's eyes they may well all consider themselves to be rare and exceptional circumstances, and somebody would have to tell them they are not.

President Enarson: Jim, my concern is the reverse--

Mr. Hilliker:

That is like saying that you can be President for two terms, but under rare and exceptional circumstances, we will let you go for three. Well, I don't know.

Mr. Gushman:

Well, is there--could I get a--to get this matter at least before the Board. Would somebody be willing to move the resolution with the exception of the last sentence?

Mr. Hilliker: I will.

Mr. Havens: Second.

Mr. Gushman:

It has been moved and seconded. Now would you want to address yourself to the resolution as it has been presented. This is simply now limited pretty much to the review. I do not think there has been much dispute on that.

Mr. Havens: That does not preclude that?

Mr. Gushman:

No, you will be back later. We are not condemning this idea. We would just like to hear more about it and how it would work.

President Enarson:

As a matter of fact, it asks specifically or directs us to bring back to the Board certain specific rule changes which--and only then can you say 'yea' or 'nay.'

Mr. Gushman: Are you ready for a vote? If so, all in favor, say aye.

The Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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December 8, 1977 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY FOR
THE FISCAL YEAR JULY 1, 1975 THROUGH JUNE 30, 1976**

Resolution No. 78-66

Synopsis: Report of State Auditor for The Ohio State University for fiscal year July 1, 1975 through June 30, 1976, is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the annual report of the Auditor of State for The Ohio State University for the period July 1, 1975 through June 30, 1976, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in essentially satisfactory condition but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the minor problems that were found:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-67

RESOLVED, That the report on the University's Investment Portfolio, dated November 30, 1977, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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ENERGY UPDATE PRESENTATION

Thomas B. Smith

Our energy availability forecast for the current year is improved from last year.

We have made substantial efforts to improve our flexibility and lessen our dependency upon natural gas in many of our outlying boiler plants. We have provided alternate fuel capability for 27 satellite boiler plants. We can now use either fuel oil or natural gas, substantially reducing our dependency on a single fuel.

December 8, 1977 meeting, Board of Trustees

ENERGY UPDATE PRESENTATION (contd)

Thomas B. Smith (contd)

To improve our total fuel-oil storage capability, in addition to the new tanks installed on campus we have leased an additional 300,000 gallons of oil storage. This will provide an additional two weeks supply of fuel oil in the most severe winter weather. Over the past year, our total fuel oil storage capacity has been increased 60 percent.

While natural gas supplies appear to be improved for the coming winter, we are still primarily dependent upon fuel oil for McCracken Power Plant during the winter season.

On an economic basis, we expect continuing cost increases in available natural gas until it is equal to, or above the price of fuel oil. During 1976-1977 natural gas prices increased 24 percent. So far this year, natural gas is up an additional 10 percent (18.9 cents), chiefly because of emergency gas purchases by Columbia Gas of Ohio.

Since 1972-73, natural gas prices have increased 235 percent.

There is a considerable concern as to the effects of a lengthy national coal strike on availability of electrical energy. This could cause severe electrical curtailments. We have substantial generating capacity at our McCracken Power Plant and could provide at least one-half of our normal winter electrical load from our own generators, if oil and/or gas are available. However, this is costly, as 5 cents/kilowatt hour is our approximate cost using fuel oil versus 2 cents/kilowatt hour from the utility company. In an emergency, with greatly reduced services to all buildings, we could prevent severe damage, by providing all of our central campus, midwest, and west campus with approximately 50 percent of their normal electrical power. This would, of course, require drastic reductions in ventilation, lighting, and other electrical systems and would require most of our programs to be placed on an emergency reduction status.

Our greatest concern would be a concurrent crisis of more than one energy source. For example, if we were to suffer a fuel oil crisis at the same time we are undergoing an electrical crisis, results could be catastrophic. This may lead to the long-term need to have coal burning capability and storage to serve the campus. We are undertaking a study on coal use.

Electrical prices have been relatively stable over the past year, increasing only 5 percent from a year ago. Our total electrical cost increase from 1972-1973 is 89 percent. This is the results of our present electrical contract, which must be renegotiated in May of 1979.

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ENERGY UPDATE PRESENTATION (contd)

Thomas B. Smith (contd)

We continue to give top priority to our energy conservation and energy management programs. We have now completed energy conservation modifications on some 24 major campus buildings with modifications currently underway on eight more buildings. These modifications have provided for permanent energy reductions in these buildings varying from 20 percent to over 50 percent.

We are continuing to expand our central campus energy control center which now continuously monitors, controls, and alarms systems in sixteen of our major campus buildings with twenty more scheduled this biennium. Twelve other buildings are on existing automatic control systems. Currently these buildings total 30 percent of our academic and administrative areas. Phase III would complete another 30 percent to a total of 60 percent. This system proved extremely effective during the energy crisis last winter wherein we could precisely control starting and stopping of equipment, control outdoor air quantities, and monitor conditions within the buildings.

We have made substantial progress in our utility management program. We have established energy consumption profiles at varying outdoor weather conditions and at various operating conditions so we can closely predict our energy requirements and determine the most efficient use of our energy resources, which fuel to use; when to use our local generating equipment; and when to make reductions in our loads to live within the energy resources available.

Our energy conservation program has had a substantial educational benefit as we have continually included three to five undergraduate and graduate engineering students as part of our energy conservation team. In practically all cases graduates trained in this program have obtained positions directly in the energy conservation field or with consulting engineering firms and manufacturers engaged in this field.

Results of our total energy management program for 1973 to July 1, 1977:

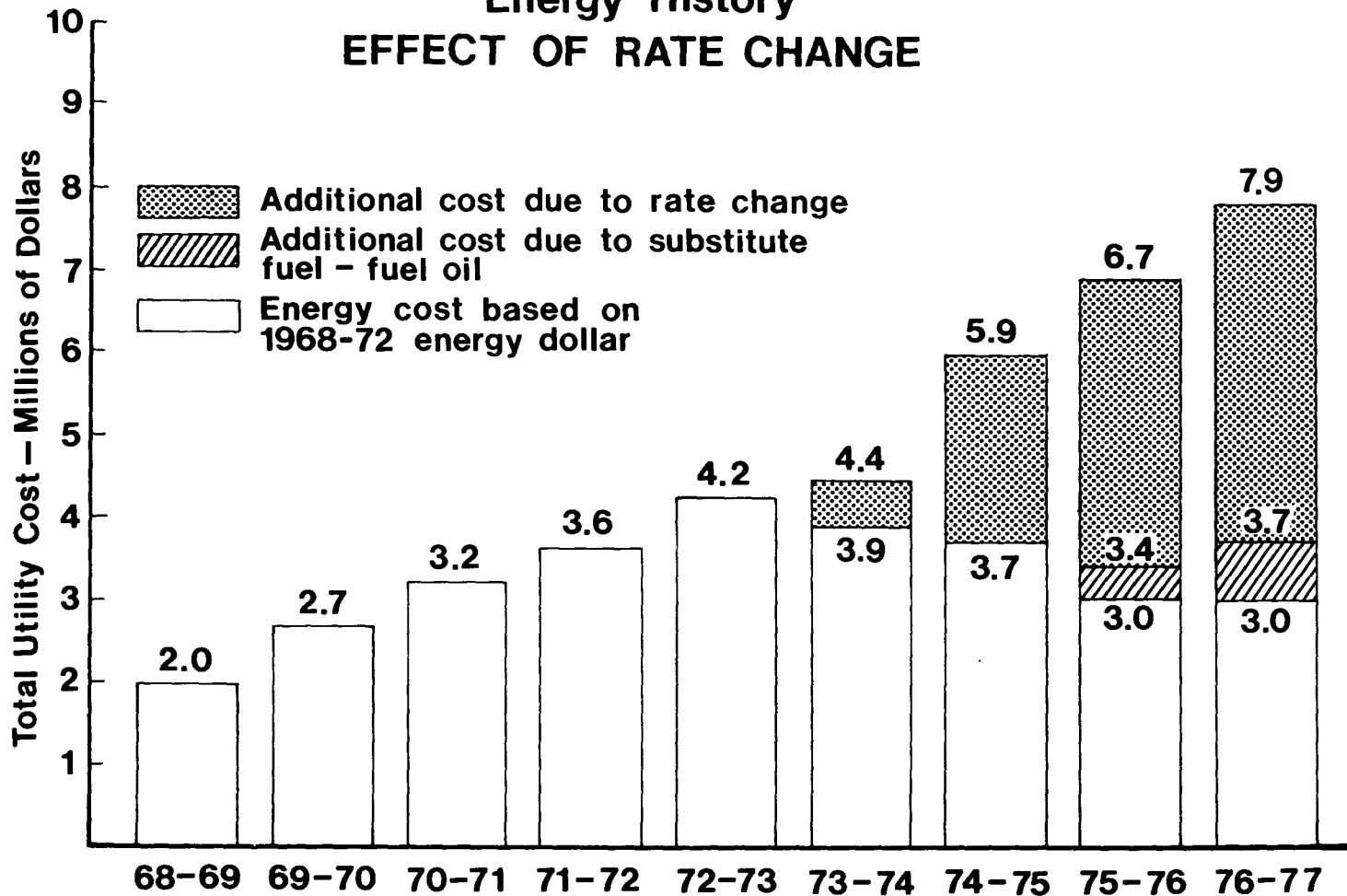
Fuel Consumption Reduced	45.0%
Electrical Consumption Reduced	14.8%

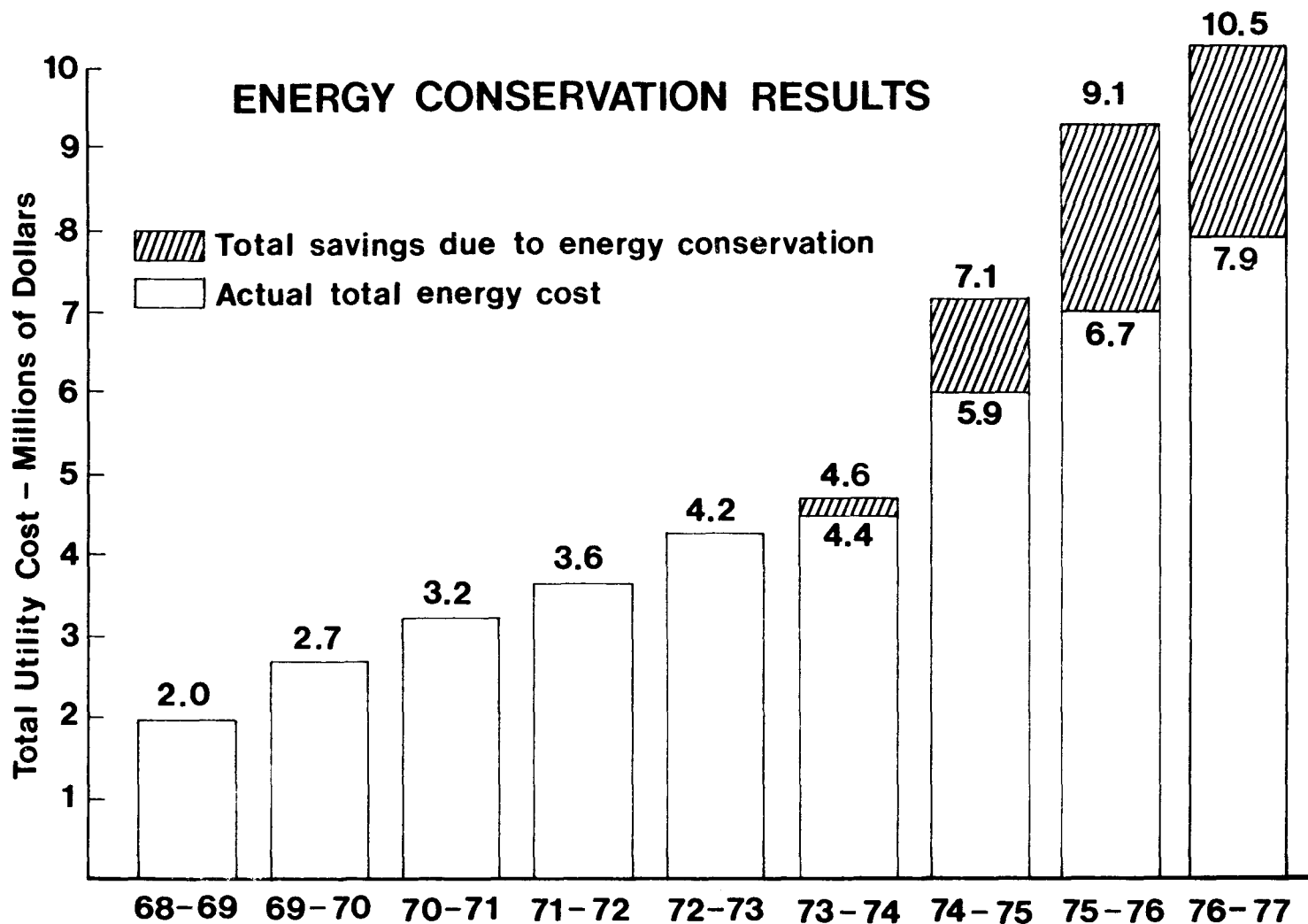
Energy use/square foot of building has been reduced 33 percent since 1972-1973.

To further document the results of changes in the cost of energy and results of energy conservation programs we have prepared two bar charts. If you will look first at the 'Effect of Rate Change' you can see that if the unit cost of energy from '73 through '77 had remained the same as it was in the preceding five years, the energy bills for the University would have declined from 4.2 million dollars to 3 million dollars. Actually, due to rate increases and substitute fuels, the bills increased from 4.2 million dollars to 7.9 million dollars.

Energy History

EFFECT OF RATE CHANGE





December 8, 1977 meeting, Board of Trustees

ENERGY UPDATE PRESENTATION (contd)

Thomas B. Smith (contd)

'Energy Conservation Results' are shown on the second bar chart. If energy conservation measures had not been taken, at unit costs actually in effect, last year's energy bill would have been 10.5 million dollars compared to actual 7.9 million dollars.

Even with the previously described programs, which provide building modifications for less energy use, and monitoring of actual conditions for more efficient use . . . Each individual should be aware that his own contribution, though small, added to other individual contributions, may have major effects. A state of mind leading to changing energy use/habit patterns such as 'keep the thermostat set to achieve 68° in occupied spaces,' 'wear clothes so that you can be comfortable in a lower ambient temperature,' and 'wear clothes so that outer clothing can be removed if interior areas of buildings are warmer than desired' can result in savings.

Individual awareness and belief that energy conservation is necessary can lead to major savings in dollars and units of energy.

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MEDICAL PRACTICE PLAN Statement by Harold L. Enarson

You will recall that at this Board's September meeting I announced the appointment of an administrative working group to develop a draft Practice Plan. This draft was to be used as the basis for consultation with the faculty of the College of Medicine, and was to be completed by January 1, 1978.

The work of this group appears to be on schedule. Because this Board will not meet during January we will not have the opportunity to brief you on the specifics of our draft before beginning the consultative process with the medical faculty. We will, however, bring you up-to-date on this matter at our February meeting.

Two very important points should be reiterated here, and every other time this matter comes up. First, we remain fully committed to the development and implementation of a Practice Plan for the College of Medicine. The contributions of the medical faculty--both financially and in terms of service--have been commendable. But the need for equity in the treatment of all faculty, for better public accountability, and for the balanced development of the whole medical college necessitates the implementation of a fair and consistent policy with respect to income from professional services.

Second, the draft Practice Plan which will be placed on the table for discussion next month is just that--a draft Practice Plan. It is not an administrative or Board of Trustees fiat. It will not, in any way, be the last word on the subject. It is an attempt to move our consultation with the medical faculty toward a constructive resolution.

December 8, 1977 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

President Enarson's statement (contd)

We have carefully studied policies from other institutions in this regard. One fact comes through loud and clear: There are no simple answers to the problems involved. We badly need the advice and the assistance of the medical faculty if we are to develop workable policies. It is that advice and assistance we will once again begin to seek next month.

Again, we will be briefing you on our progress in this matter in February.

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HEALTH, EDUCATION, AND WELFARE - AFFIRMATIVE ACTION AGREEMENT Statement by Harold L. Enarson

As many of you are aware, staff from the Department of Health, Education and Welfare visited campus during this past month to review our compliance with federal affirmative action requirements. This visit was in connection with a pre-award audit, wherein H.E.W. was under a 30-day time limit to review the University's affirmative action program and rule as to whether we were eligible to receive a major contract for our Center for Vocational Education.

I am pleased to report that last Wednesday night, after discussions at the H.E.W. regional office in Chicago, our eligibility for federal funding was affirmatively certified.

We are generally satisfied with the terms of the conciliation agreement which was generated from those discussions. We were also pleased that H.E.W. included in the formal document a general commendation to O.S.U. for some of our good-faith affirmative action efforts.

If the agreement could be characterized in a sentence, we have agreed to undertake extensive self-study, but our basic control over the decisions that must be ours alone remains intact.

Some of the key provisions in the agreement deal with the following:

(1) Utilization Analysis.

We have agreed to report our employment data for analysis on a format prescribed by H.E.W. This task has already been largely completed.

We will also study the availability of qualified women and minorities for positions in the University, and will set goals and timetables for their future hiring--insofar as qualified persons are available and we have vacancies in our work force. It

December 8, 1977 meeting, Board of Trustees

HEALTH, EDUCATION, AND WELFARE - AFFIRMATIVE ACTION AGREEMENT (contd)

President Enarson's Statement (contd)

should be remembered that 'goals' are not 'quotas,' and that the failure to meet goals in the future does not necessarily mean noncompliance with federal requirements.

We did this analysis and goal-setting exercise a few years back for our internal use, so this new work will entail an updating and in some cases an improvement of those earlier reports.

I might add too that this is required of all federal contractors by the regulations.

(2) Salary Analysis.

The Commission on Women and Minorities had directed a study by Professor Shapiro of the College of Administrative Science to examine whether disparities existed between the salaries of faculty men and women. This pilot study considered only those factors that could be quantified--i.e., highest degree earned, years of experience, etc. It concluded that further study was needed.

We will now expand upon that study to include all faculty and staff, and also to compare salaries with respect to minorities and non-minorities. If the results of that first tier analysis seem to identify a problem, then we will conduct a second level analysis in which non-quantifiable factors--publications, evaluation of teaching, research, etc.--will be considered. If in our final analysis we discover that salary discrepancies exist that can only be accounted for on the basis of race or sex we will make such salary adjustments as may be required to correct the problem. We will also make some one-time salary adjustments to rectify salary inequities, if any, that have existed during the past year.

(3) Personnel Turnover and Other Related Problems.

Our own annual affirmative action reports have identified problems with respect to the turnover of minority staff members, especially in some administrative service areas. We will be expanding our exit interview procedures in an attempt to further examine the causes of this problem.

In those areas where we have determined that qualified women and minorities are under-utilized, we will also keep count of the number of women and minorities who apply for employment in an effort to determine whether our employment advertisements and job information are reaching these groups.

Finally, we will be reviewing the criteria used in making employment decisions regarding non-instructional staff in order to determine whether these improperly discriminate against women and minorities or improperly cause their concentration in certain areas. We will, of course, then correct any deficiencies we find in this regard.

December 8, 1977 meeting, Board of Trustees

HEALTH, EDUCATION, AND WELFARE - AFFIRMATIVE ACTION AGREEMENT (contd)

President Enarson's Statement (contd)

Again, we know that all this will require a substantial amount of staff work on our part--even though a great number of these tasks were already begun or had already been identified by us as problems to be addressed.

The final and by far the most important point to be made about this matter is that what we are doing is not only intended to reach compliance with federal regulations--some of which are most certainly unnecessary and unproductive. We are doing what is right, because it is right.

We should be moving affirmatively to improve opportunities for women, for minorities, for the handicapped. We should be making every effort to remove artificial barriers to employment opportunities, career advancement, educational programs. And we should ensure that equal performance receives equal compensation.

We are pleased, again, that our good-faith affirmative action efforts in the past have been recognized. And with the help of a great many people on campus, we will continue to improve those efforts.

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PRESIDENT ENARSON'S RETIREMENT BENEFITS

Resolution No. 78-68

Synopsis: Purchase of retirement benefits for President Enarson is proposed.

John L. Gushman made the following statement:

The Personnel Committee has met and reviewed the President's performance for this past year as well as his staff's performance. It is this Committee's conclusion that Harold Enarson has done a commendable job as President in a difficult and demanding period for this University; further, that his associates have provided effective support and assistance to the President in the conduct of the University's business.

Earlier this year the Committee recommended that the President's contract be renewed through August 31, 1978, with no salary increase, since the President's salary is presently at the limit provided in the existing State law and has been for the past two years. Incidentally, with this limitation the President's income, because of inflation, is effectively being reduced approximately \$3,000 each year. Further, he is presently the lowest paid President in the Big Ten. We sincerely hope that this circumstance has an early resolution for it will certainly limit this Board's

December 8, 1977 meeting, Board of Trustees

PRESIDENT ENARSON'S RETIREMENT BENEFITS (contd)

Mr. Gushman's Statement (contd)

ability to sustain effective leadership, to say nothing of the eventual need to attract new leadership to this University, not only at the presidential level, but also at the other top administrative levels, because of compression of these salaries due to the present ceiling on the President's salary.

In order to assure President Enarson's availability to the University beyond the current contract year, we are recommending a modification in the contractual arrangement to enhance the President's retirement program. To do this, we propose the cancellation as of the end of 1977 of his existing employment contract, the issuance of a new contract effective January 1, 1978, and expiring June 30, 1979, and the purchase of certain retirement credits. To this end I offer the following resolution on behalf of the Personnel Committee.

WHEREAS under State law provision is made for supplementing a person's retirement benefits by the purchase of prior years of teaching service at State universities other than in the State of Ohio; and

WHEREAS President Enarson qualifies under this law for the purchase of approximately five years of such credit; and

WHEREAS this Board of Trustees wishes to assure the University of President Enarson's services beyond the usual contract year:

NOW THEREFORE

BE IT RESOLVED, That:

- (1) the existing employment contract between The Ohio State University and President Enarson be cancelled effective the end of 1977;
- (2) a new employment contract for the term January 1, 1978 through June 30, 1979, be issued to him at his present salary of \$55,000 per annum subject to upward adjustments when permitted by law;
- (3) prior to February 1, 1978, one year of prior service credit be purchased;
- (4) after July 1, 1978, but prior to August 1, 1978, an additional year of such prior service credit be purchased; and

December 8, 1977 meeting, Board of Trustees

PRESIDENT ENARSON'S RETIREMENT BENEFITS (contd)

- (5) the purchase of the service credits be made from unrestricted moneys received by the University pursuant to Section 3345.16 R.C.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Thereupon the Board adjourned to meet Friday, February 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 3, 1978

The Board of Trustees met at its regular monthly meeting on Friday, February 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

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February 3, 1978 meeting, Board of Trustees

The Chairman, Mr. Gushman, called the meeting of the Board of Trustees to order at 9:00 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 78-69

Synopsis: Resolutions honoring the service of five of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Lyle Harris Barnes

The Board of Trustees of The Ohio State University expresses sorrow upon the death on December 25, 1977 of Lyle H. Barnes, Professor Emeritus, Department of Agricultural Economics and Rural Sociology.

Professor Barnes was born December 31, 1896, near Morrow, Indiana. He graduated from Kawanna, Indiana, High School in 1914, attended Valpauso Business College and graduated from Purdue University with a Bachelor of Science in Agriculture degree in 1920. He served with the United States Navy during World War I.

Professor Barnes farmed with his father in Gladwin County, Michigan, for one year prior to serving as a county agent in Scott and Lake Counties, Indiana, from 1920 to 1924. On August 15, 1924, he was appointed County Agricultural Extension Agent for Lake County, Ohio, and transferred to Medina County in 1926 and served until 1928.

From 1928, when he joined the Department of Agricultural Economics and Rural Sociology, until retirement December 31, 1961, Professor Barnes was Mr. Farm Management of the Cooperative Extension Service. In his service as a Farm Management Specialist he was a respected agricultural leader by his county agent constituents and by his peers in extension education. Professor Barnes was dedicated to his family, community, profession and church. He will be remembered for outstanding contribution in representing The Ohio State University to the people of Ohio.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lyle Harris Barnes (contd)

On behalf of The Ohio State University community, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and a copy be tendered to his family as a sincere expression of the Board's realization of the loss to family, the University and to his many friends.

Earl P. Guth

The Board of Trustees of The Ohio State University expresses sorrow upon the death on December 19, 1977, of Earl P. Guth, Professor Emeritus in the College of Pharmacy.

Professor Guth received his Bachelor of Science and Doctor of Philosophy degrees from the University of Washington in 1930 and 1937, respectively.

Before joining the faculty of The Ohio State University, Professor Guth served as Instructor in Pharmacy at Duquesne University from 1937 to 1940. He was a nationally known authority in the field of pharmacy. His fields of expertise were in practical pharmacy and pharmaceutical formulation and manufacturing. He was the author of more than 50 research papers in his field and more than 35 students earned their Master of Science and Doctor of Philosophy degrees under his supervision.

Active in professional societies, Professor Guth was a member of the American Pharmaceutical Association, the American Association for the Advancement of Science, Sigma Xi, the American Association of Colleges of Pharmacy, Rho Chi Pharmacy Honor Society and Kappa Psi Pharmaceutical fraternity. He was a licensed pharmacist in the states of Ohio and Washington and a member of the Torch Club.

Through his innovative teaching, his personal and professional integrity and his example, Professor Guth gained the respect and admiration of more than 30 graduating classes. The professional and personal discipline and integrity that he taught and exhibited continued into the professional and personal lives of his students long after their graduation.

On behalf of the University, the Board of Trustees expresses to the faculty its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Hulda Horst Protsman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 22, 1977, of Hulda Horst Protsman, Associate Professor Emeritus, Cooperative Extension Service.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Hulda Horst Protsman (contd)

Mrs. Protsman was born June 30, 1892, in Columbus, Ohio. She attended North High School from which she graduated in 1911. A Bachelor of Science degree in Home Economics was received from The Ohio State University in 1915. Graduate education was completed at Columbia University with a Master of Arts degree awarded in 1928.

Mrs. Protsman joined the faculty of The Ohio State University as an Instructor in Home Economics in July, 1915. She served in this capacity until 1917 when she became an Assistant State Club Leader, from which position she retired on June 30, 1947.

Mrs. Protsman was a dedicated and highly respected youth leader by both Ohio Cooperative Extension Service faculty and local leaders throughout the state. Mrs. Protsman was highly people-oriented and served with both enthusiasm and distinction. She will long be remembered for her early and outstanding contributions to educational programs conducted by The Ohio State University through the Cooperative Extension Service.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Protsman its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to her family as sincere appreciation of the Board's realization of the loss to the family, University, and her many friends and associates.

Eve Elizabeth Turnbull

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 31, 1977, of Eve Elizabeth Turnbull, Associate Professor Emeritus in the Department of Textiles and Clothing, School of Home Economics.

Miss Turnbull was born August, 1892, in Chicago, Illinois. She received the B.S. degree in 1919 and the M.A. degree in 1924 both from the University of Chicago. She continued advanced study at the University of Chicago in Family Economics.

Miss Turnbull was a teacher of home economics at Chandler Normal School, Lexington, Kentucky, from 1913-1917, Drake University from 1919-1922, Western Illinois State Teachers College from 1923-1924, and the University of Arizona from 1924-1926.

Miss Turnbull came to The Ohio State University as an Assistant Professor in 1926, and attained the rank of Associate Professor in 1955. She retired October 1, 1959 and was granted the title Associate Professor Emeritus. She was a member of two honoraries--Phi Upsilon Omicron and Kappa Delta Pi. Evidence of the affection and respect for Miss Turnbull is shown by the former students, staff and colleagues who have kept in touch with her and she with them over a period of many years.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Eve Elizabeth Turnbull (contd)

Miss Turnbull initiated the laboratory research program jointly sponsored by the Ohio Cleaners and Dyers and the School of Home Economics. Her concern for functional aspects of textiles stimulated site visits to textile mills and experiences in weaving. She contributed to School committees and was an alternate to Faculty Council.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Lois Lampe Zimmerman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 6, 1978, of Lois Lampe Zimmerman, Assistant Professor Emeritus in the Department of Botany, College of Biological Sciences.

Dr. Lampe Zimmerman was born in Fayette County, Ohio, on March 29, 1896. Upon graduation from high school in Washington Court House, Ohio, in 1915 as first honor student, she entered The Ohio State University. She received both the Bachelor of Science in Home Economics and the Bachelor of Arts degrees in 1919 and the Master of Science and Doctor of Philosophy degrees in 1922 and 1927, respectively.

During this period, Dr. Lampe Zimmerman served as a Graduate Assistant in General Botany and Microchemistry at Ohio State, and held an appointment as a Research Assistant at Carnegie Institute during the Summer of 1922. During the Summers of 1924-1926, she held Research Fellowships at the Boyce Thompson Institute. Following receipt of the Doctor of Philosophy degree she held a postdoctorate at Puget Sound Biological Station during the Summer of 1927.

Dr. Lampe Zimmerman was appointed an Instructor in 1926 at Ohio State, promoted to Assistant Professor in 1940, and served in that capacity until her retirement in 1966. During the period 1931 to 1936, she served five quarters as a Visiting Faculty Member in Plant Cytology at Cornell University.

Dr. Lampe Zimmerman was devoted to her students who often praised her for her thoroughness, creative insights, and her ability to interrelate subject matter. She authored several scientific papers in microchemistry and paleobotany, and provided numerous scientific illustrations for books and other publications for her colleagues.

She was a Fellow of the American Association for the Advancement of Science and a Fellow of the Ohio Academy of Science. Her other professional society memberships included the American Institute of Biological Sciences, Botanical Society of America, Genetics Society of America, American Genetics Association, and the Nature Conservancy.

February 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lois Lampe Zimmerman (contd)

She was a member of Phi Upsilon Omicron; Sigma Delta Epsilon serving as President of the Theta Chapter in 1930 and National President in 1940; Faculty Women's Club; National Society of Arts and Letters serving as National Historian in 1962 and 1964; and Sigma Xi. She was listed in *American Men of Science*, *Who's Who in the Midwest*, *Who's Who of American Women*, *Who's Who in Education*, and *Leaders in American Science*.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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NAMING OF BUILDING

Resolution No. 78-70

Synopsis: Naming of Garage and Laundry Building is proposed.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in Article VIII, Section 7, of the *Bylaws of the Board of Trustees*; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Garage and Laundry Building located at 2043-2061 Millikin Road, be named Public Safety Building:

NOW THEREFORE

BE IT RESOLVED, That the above described building be named in accordance with the President's recommendation.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF THE ERVIN G. BAILEY CHAIR IN ENERGY CONVERSION

Resolution No. 78-71

Synopsis: Establishment of an "Endowed Chair" in the College of Engineering is being proposed.

February 3, 1978 meeting, Board of Trustees

ESTABLISHMENT OF THE ERVIN G. BAILEY CHAIR IN ENERGY CONVERSION

(contd)

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs," which was subsequently modified March 3, 1972, and renamed "Endowed Chairs"; and

WHEREAS a gift to The Ohio State University Development Fund through a bequest from a distinguished alumnus, Ervin G. Bailey, Mechanical Engineering, 1903, and Honorary Doctor of Science, 1941, formerly of Easton, Pennsylvania, has been received for the establishment of "The Ervin G. Bailey Chair in Energy Conversion"; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished teacher, researcher and engineer in the field of energy conversion with emphasis on coal as an energy source; and

WHEREAS appointment to the Bailey Chair will be recommended by the Dean of the College of Engineering to the President and approved by the Board of Trustees; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education:

NOW THEREFORE

BE IT RESOLVED, That "The Ervin G. Bailey Chair in Energy Conversion" be established in accordance with the wishes of the donor.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ALTERNATE HOLIDAY FOR PRESIDENTS' DAY

Resolution No. 78-72

Synopsis: Alternate holiday for Presidents' Day is proposed.

WHEREAS pursuant to Section 124.19 of the Ohio Revised Code, alternative days for the observance of certain holidays at educational institutions may be established; and

February 3, 1978 meeting, Board of Trustees

ALTERNATE HOLIDAY FOR PRESIDENTS' DAY (contd)

WHEREAS the Calendar Committee of the University Senate has recommended that in future academic years the holiday normally observed on the third Monday in February be observed on an alternate date in order to provide an additional instructional day during the Winter Quarter of each year; and

WHEREAS the Vice President for Personnel Services, with the concurrence of the President's Staff, has recommended that University offices remain open on the third Monday in February to conform with the proposed academic calendar:

NOW THEREFORE

BE IT RESOLVED, That the day before Christmas of each year be designated for the observance of the Presidents' Day holiday, this change in schedule to take effect in the 1978-79 academic year and to continue thereafter unless further amended.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES--WINTER QUARTER COMMENCEMENT

Resolution No. 78-73

Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.

WHEREAS pursuant to Article VI, Section 5, of the *Bylaws of the Board of Trustees of The Ohio State University*, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with Rule 49.01 of the *Rules of the University Faculty*, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 16, 1978, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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February 3, 1978 meeting, Board of Trustees

ESTABLISHMENT OF ERNST & ERNST PROFESSORSHIP IN ACCOUNTING

Resolution No. 78-74

Synopsis: Establishment of the Ernst & Ernst Professorship in Accounting is proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships"; and

WHEREAS a gift in the amount of \$269,720 to The Ohio State University Development Fund from Ernst & Ernst has been received for the establishment of the "Ernst & Ernst Professorship in Accounting"; and

WHEREAS this gift is to honor Mr. Richard T. Baker, the third managing partner of Ernst & Ernst, and the financial commitment is guaranteed for a ten-year period; and

WHEREAS the Dean of the College of Administrative Science will chair a committee to select a suitable candidate for this position:

NOW THEREFORE

BE IT RESOLVED, That the "Ernst & Ernst Professorship in Accounting" be established effective for the 1978-79 academic year in accordance with the terms of the agreement between The Ohio State University and Ernst & Ernst.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Before presenting the following resolution, President Enarson called on Dr. Robert Taylor, Director of the Center for Vocational Education, who made a presentation depicting the activities of the Center to the present and describing the proposed expansion which is planned under the additional grant.

**ESTABLISHMENT OF NATIONAL CENTER FOR RESEARCH
IN VOCATIONAL EDUCATION**

Resolution No. 78-75

Synopsis: Establishment of National Center for Research in Vocational Education is being proposed.

WHEREAS The Ohio State University has been designated the National Center for Research in Vocational Education; and

February 3, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF NATIONAL CENTER FOR RESEARCH
IN VOCATIONAL EDUCATION (contd)**

WHEREAS the National Center for Research in Vocational Education will perform six functions:

- (1) Applied R & D on significant vocational education problems;
- (2) Leadership development for current and potential vocational education leaders;
- (3) Dissemination systems to improve utilization of R & D-developed products and information;
- (4) Information to aid national planning/policy development;
- (5) Clearinghouse systems on research projects in vocational education, military curricula and instructional media; and
- (6) Evaluation services and research for improvement of state and local evaluations of vocational education.

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University accept the designation as the site for the National Center for Research in Vocational Education, effective for the year January 16, 1978 through January 15, 1979, with a grant in the amount of \$4,499,968, from the Department of Health, Education, and Welfare, Office of Education, Washington, D. C.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 78-76

Synopsis: In addition to the regular personnel actions taken since the last meeting the following Resignation, Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the December 8, 1977 meeting of the Board, including the following Resignation, Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Resignation

RICHARD H. ARMITAGE, Vice President for Student Services, has resigned from this position effective June 30, 1978.

February 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: DOUGLAS N. JONES
Title: Director, National Regulatory Research Institute, Ohio State University Research Foundation and Professor
School: Public Administration
Effective: March 1, 1978
Salary: \$45,060.00 (12-month appointment)
Present Position: Specialist in Public Utility and Natural Resource Economics, and Assistant Chief, Economics Division, Congressional Research Service, Library of Congress

Name: ROBERT H. ESSENHIGH
Title: Professor (Ervin G. Bailey Chair in Energy Conversion)
Department: Mechanical Engineering
Effective: July 1, 1978
Salary: \$40,080.00 (9-month appointment)
Present Position: Professor of Fuel Science, The Pennsylvania State University

Name: RICHARD H. NUENKE
Title: Associate Professor (Harry C. and Mary Elizabeth Powelson Professorship in Medicine)
Department: Physiological Chemistry
Effective: January 1, 1978
Salary: \$26,520.00 (12-month appointment)
Present Position: Associate Professor, Department of Physiological Chemistry, The Ohio State University

Name: MARGUERITE A. HOWLEY
Title: Director of Food Systems Support
Department: Business and Administration
Effective: February 20, 1978
Salary: \$27,000.00 (12-month appointment)
Present Position: Greyhound Food Management, Inc., Vice President, Nutritional Care Services, Detroit, Michigan

Leaves of Absence Without Salary

LYNN L. FAULKNER, Associate Professor, Department of Mechanical Engineering, effective January 1, 1978 through December 31, 1978, to participate in the Senior Scientist Development Program at Battelle, working in the areas of acoustics and vibrations.

RICHARD E. DYCK, Assistant Professor, Department of Sociology, effective January 1, 1978 through June 30, 1978, to direct Ohio Trade Office in Tokyo, Japan.

February 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

BARBARA DIANNE GROSECLOSE, Assistant Professor, Division of History of Art, effective April 1, 1978 through September 30, 1978, to accept a small research grant from the Graduate School to pursue research on the relationship of American and Italian sculpture during the early Nineteenth Century.

BEVERLY J. DONAHEY, Instructor, Cooperative Extension Service, effective January 17, 1978 through March 16, 1978, for personal reasons.

DIANE MAST, Instructor, Cooperative Extension Service, effective January 16, 1978 through February 15, 1978, to pursue a program of professional improvement at The Ohio State University.

Emeritus Titles

RICHARD H. ARMITAGE, Office of Student Services, with the title Vice President for Student Services Emeritus, effective July 1, 1978.

ANTHONY RUPPERSBERG, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective November 1, 1977.

AUSTIN E. SHOWMAN, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-77

Synopsis: The report on contracts, grants, and gifts and the summaries for November and December are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of November and December, 1977, be approved.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR NOVEMBER, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	16	\$ 832,460.00
The Ohio State University Research Foundation	48	2,189,616.47
The Engineering Experiment Station	2	89,917.00
		\$3,111,993.47
The Ohio State University Development Fund	5,667 Donors	\$ 997,858.29
Establishment of Named Funds		
The Wilbur R. Tullis Fund (Department of Agricultural Economics and Rural Sociology)		\$5,000.00
The Robert Andrew, R. Branson and Philene E. Frevert Medical Research Memorial Endowment (College of Medicine)		2,000.00

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER, 1977

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 398,558.00
The Ohio State University Research Foundation	38	6,566,346.84
The Engineering Experiment Station	4	101,613.00
		\$7,066,517.84
Establishment of Named Funds		
The Jan R. Dunsford Memorial Scholarship Fund (College of Engineering)		\$10,000.00
Julia I. Dalrymple OSU Home Economics Education Endowed Graduate Fellow- ship (School of Home Economics)		1,000.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

(Comparison with 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal					
Student	30	\$13,380,635.00	28	\$13,450,657.00	1
Training	137	8,088,982.53	68	4,936,661.13	(39)
Construction			1	1,681,875.00	100
Total - Federal	167	\$21,469,617.53	97	\$20,069,193.13	(7)
State of Ohio	48	3,266,860.45	52	4,028,287.11	23
Industrial and Other	79	2,258,238.29	51	688,998.20	(70)
Totals	294	\$26,994,716.33	200	\$24,786,478.44*	(8)

*A major factor in the decrease shown has been the transfer of administration for sponsored program from Business and Administration to OSURF.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal	Sponsors	1976-1977		1977-1978		% Change from 1976-77
		No. of Projects	Level of Support	No. of Projects	Level of Support	
	Energy Research and Development Administration	12	\$ 653,064.00	9	\$ 781,031.00	20
	National Aeronautics and Space Administration	21	508,440.00	19	626,990.00	23
	National Science Foundation	87	3,463,960.00	98	4,348,874.00	26
	Department of Defense	94	3,477,247.00	91	4,364,517.00	26
	Health, Education, and Welfare	155	10,758,014.00	185	12,653,867.47	18
	Other Federal	42	3,632,395.00	55	11,222,448.00	209
	Total - Federal	411	\$22,493,120.00	457	\$33,997,727.47	51
	State of Ohio	15	\$ 153,313.30	31	\$ 968,861.04	532
	Industrial, Private, and Other Non- Federal Sponsors	146	\$ 3,080,526.55	201	\$ 4,195,126.76	36
	Totals	572	\$25,726,959.85	689	\$39,161,715.27	52

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsors	1976-1977		1977-1978		% Change from 1977-78
	No. of Projects	Level of Support	No. of Projects	Level of Support	
Federal	20	\$ 193,084.00	25	\$ 154,587.00*	(20)
State of Ohio	15	554,540.00	28	637,994.00	15
Industrial and Other	394	858,844.00	417	947,281.00	10
Totals	429	\$1,606,468.00	470	\$1,739,862.00	8

*A major factor in the decrease shown has been the transfer from EES to OSURF of the federal programs managed by the Water Resources Center. In the prior year these sales amounted to \$99,248.00 while no WRC sales were included for the current year from these programs.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$119,778.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Content and Methods of Career Preparation--Transfer Relevance of Secondary Curriculum, The Center for Vocational Education, November 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$89,994.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Adult Guidance Delivery Models, The Center for Vocational Education, October 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$79,857.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Resource and Referral Service, The Center for Vocational Education, December 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$76,256.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Toward the Development of a Model for Identifying Successful Education and Work Programs, The Center for Vocational Education, October 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$56,174.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Identification of Basic Skill Development Needs of Occupations (Occupational Literacy Research), The Center for Vocational Education, December 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$39,385.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Nursing Student Assistance Programs - Baccalaureate, School of Nursing, July 1, 1977 through June 30, 1978. (I.D. No. 05L390029-78; Former No. B 7 45 0430 15 1)

\$32,048.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Continuation of Information Base of Transferable Skills, The Center for Vocational Education, November 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

\$27,943.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Reactor Groups to Complement and Enhance the Work of the ELIG Advisory Panel, The Center for Vocational Education, October 1, 1977 through May 31, 1978. (Grant No. OB-NIE-G-78-0111)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Research Contracts/Grants (contd)

\$8,750.00 - Department of Health, Education, and Welfare, U. S. Office of Education, Washington, D. C., Study to Determine the Anticipated Areas of Vocational Education Teacher Shortage for Fiscal Year 1978, The Center for Vocational Education, December 16, 1977 through March 31, 1978. (Contract No. 30077269)

\$4,278.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Nursing Student Assistance Programs - Graduate, School of Nursing, July 1, 1977 through June 30, 1978. (I.D. No. 05L390068-78; Former No. G 7 45 0430 15 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$534,463.00**

Industrial and Other Contracts/Grants

\$224,192.00 - University of Massachusetts, Institute for Governmental Services, Amherst, Massachusetts, Continuation of the Ninth Grade Exploratory Clusters Program in the Boston Public Schools, The Center for Vocational Education, October 24, 1977 through September 30, 1978. (Project No. 78-397-020-174-1)

\$45,305.00 - University of Illinois, Urbana, Illinois, Optimizing Planning Techniques (OPT) for Comprehensive Systems of Guidance Counseling, Placement and Follow-Through, The Center for Vocational Education, October 1, 1977 through March 31, 1979. (Grant No. G007702142)

\$16,000.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, to provide a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, The Center for Vocational Education; July 1, 1977 through June 30, 1978. (Contract No. CVE-177-OSU-77)

\$9,446.92 - Madison Public Schools, Madison, Wisconsin, to provide a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, The Center for Vocational Education, July 1, 1977 through June 30, 1978. (Contract No. CVE-178-OSU-77)

\$1,553.08 - Madison Public Schools, Madison, Wisconsin, for preparation of materials related to Alliance for Career Education, The Center for Vocational Education, effective June 29, 1977. (Purchase Order DP22392)

\$1,500.00 - California State University, Fresno Foundation, Fresno, California, Technical Assistance Workshop, The Center for Vocational Education, November 1, 1977 through December 31, 1977. (No. F 1378)

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$297,997.00**

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$324,475.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station, College of Engineering, 1 January 1976 through 30 September 1978. (Project 784347 - Modification No. 4)

\$199,979.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Block Funded Support for Electromagnetics Research, ElectroScience Laboratory, Department of Electrical Engineering, 1 October 1977 through 30 September 1978. (Project 710816 - New)

\$129,679.00 - Department of the Air Force, Rome Air Development Center, (AFSC), Griffiss Air Force Base, New York, Advanced TDMA Techniques and Bit Synchronous Design and Array Component Evaluation, ElectroScience Laboratory, Department of Electrical Engineering. (Project 710300 - Modification No. P00011)

\$120,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Departments of Physics and Electrical Engineering. (Project 764596 - Modification No. P00002)

\$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Allotment Program, Fiscal Year 1978, Water Resources Center, Engineering Experiment Station, College of Engineering, 1 October 1977 through 30 September 1978. (Project 760851 - New)

\$78,635.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology, 1 December 1977 through 30 November 1978. (Project 710848 - Extension No. 8)

\$74,987.00 - Department of the Air Force, Aeronautical Systems Division, (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784589 - Modification No. P00002)

\$62,997.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, The Effect of Service-Induced Surface Roughness on Turbine Blade Boundary Layers, Department of Mechanical Engineering. (Project 784174 - Modification No. P00005)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$62,000.00 - National Science Foundation, Washington, D. C., Late Glacial and Inter-glacial Temperature Trends in South Central Chile, from Ice Marginal Fluctuations and Fossil Beetle Assemblage Changes, Institute of Polar Studies, Graduate School, 1 October 1977 through 30 September 1978. (Project 710853 - New)

\$61,782.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry, 1 December 1977 through 30 November 1978. (Project 710857 - Extension No. 10)

\$55,000.00 - Department of the Interior, Water Research and Technology Office, Washington, D. C., Inhibition of Microbiological Acid Production in Coal Mine Refuse and Strip Mine Spoils, Water Resources Center, Engineering Experiment Station, College of Engineering, and Department of Microbiology, 1 October 1977 through 30 September 1979. (Project 710708 - New)

\$46,472.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electro-physiological Studies in Visual Adaptation, Institute for Research in Vision, College of Biological Sciences, 1 December 1977 through 30 November 1978. (Project 710847 - Extension No. 8)

\$46,000.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Studies in Gravimetric Geodesy, Department of Geodetic Science. (Project 764637 - Modification No. P00002)

\$45,000.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Conduct a Study of Radar Target Identification by the Multiple-Frequency Resonance and Time Domain Pole Method, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784677 - Modification No. P00001)

\$42,390.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Welding Fluxes-Optimization of Performance of Arc Welding Using Fluxes for Joining HY100 and HY130 KPSI in Ship Structures, Department of Welding Engineering, 1 February 1975 through 30 September 1978. (Project 784125 - Modification No. P00004)

\$41,260.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., USAF-ASEE Summer Faculty Research Program, Department of Aeronautical and Astronautical Engineering, 1 January 1976 through 30 September 1978. (Project 784350 - Modification No. P00004)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,894.00 - Department of the Air Force, Electronic Systems Division, (AFSC), Hanscom Air Force Base, Massachusetts, Continuing Study of Impact of Inductive or Capacitive Reactance Loading on Circular Cylinders, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784641 - Modification No. P00002)

\$31,200.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Public Service Fellowship Program, School of Public Administration, 1 September 1977 through 31 August 1978. (Project 710734 - New)

\$31,000.00 - National Science Foundation, Washington, D. C., Monograph of the Saprolegniaceae (Oomycetes), Department of Botany, 15 August 1976 through 30 September 1978. (Project 784514 - Letter dated 7 November 1977)

\$30,000.00 - Environmental Protection Agency, Washington, D. C., Phase II, Ohio River Basin Energy Study, Department of City and Regional Planning, 1 September 1977 through 31 August 1978. (Project 710834 - New)

\$26,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Public Service Institutional Program, School of Public Administration, 15 September 1977 through 14 September 1978. (Project 710794 - New)

\$25,000.00 - Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute of Occupational Safety and Health, Rockville, Maryland, A Study of Intermittent and Impact Noise Effects on the Ear, Department of Otolaryngology, 29 September 1977 through 28 June 1978. (Project 710814 - New)

\$23,200.00 - National Science Foundation, Washington, D. C., Pliocene Glaciations in Southern Argentina, Institute of Polar Studies, 1 November 1977 through 31 October 1978. (Project 710861 - New)

\$15,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Application of Coarse Mesh Rebalancing Methods to Aerodynamic Equations, Department of Mechanical Engineering, 1 November 1977 through 30 September 1978. (Project 710860 - New)

\$14,526.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions. (Project 710725 - Amendment No. 1)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,723.47 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Citizenship and Consumer Education Project, Mershon Center for Education in National Security, 1 October 1977 through 15 February 1978. (Project 710830 - New)

\$8,392.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions. (Project 710649 - Amendment No. 3)

\$3,075.00 - National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, Defense Cost and Price Analysis, Division of Continuing Education, Office of Educational Services, 7 November 1977 through 31 March 1978. (Project 710854 - New)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Nursing, Bethesda, Maryland, National Research Service Institutional Award, Office of Special Services, 15 September 1977 through 15 September 1978. (Project 710851 - New)

\$1,200.00 - Department of Agriculture, Forest Service, Bedford, Indiana, Study of *Ammocrypta pellucida* in Wayne National Forest, Department of Zoology, 15 September 1977 through 31 December 1977. (Project 710850 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,756,866.47
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State of Ohio Research Contracts/Grants

\$5,635.00 - Ohio Air Quality Development Authority, Columbus, Ohio, Statistical Determination of Total Suspended Particulates Background Concentrations in Selected Metropolitan Areas, Academic Faculty of Management Science, 1 October 1977 through 30 September 1978. (Project 710863 - New)

\$5,098.00 - Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, Effects of Sex, I.Q., Socioeconomic Status and Father's Presence in the Home, on the Results of Channel Specific Perceptual Training, Department of Psychiatry, 1 October 1977 through 30 June 1978. (Project 710837 - New)

\$500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, A Workshop and Concert by Groupe Vocal de France, School of Music, 1 July 1977 through 10 September 1977.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS	\$11,233.00
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February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$128,448.00 - The National Council of Teachers of Mathematics, Reston, Virginia, A Study of Priorities in School Mathematics (PRISM), Academic Faculty of Science-Mathematics Education, 1 October 1977 through 30 September 1979. (Project 710710 - New)

\$86,206.00 - Gallaudet College, Washington, D. C., Auditorily Augmented Interactive Three-Dimensional Television as an Aid to Language Learning Among Deaf and Hearing Impaired Children, Department of Art, 1 October 1977 through 30 September 1978. (Project 710827 - New)

\$74,144.00 - Purdue University, West Lafayette, Indiana, Impact of Calculators in Elementary School Mathematics, Academic Faculty of Science-Mathematics Education, 1 September 1977 through 31 August 1978. (Project 710826 - New)

\$31,205.00 - The Procter & Gamble Company, Cincinnati, Ohio, Pathogenesis of the Dying-Back Neuropathy Induced by ZPT, Department of Medicine, 15 October 1977 through 14 October 1978. (Project 710849 - New)

\$24,014.00 - University of Maine at Orono, Orono, Maine, The Mechanism of Ozone Inactivation of Water Borne Viruses, Department of Civil Engineering, 1 October 1977 through 30 September 1979. (Project 710836 - New)

\$17,280.00 - University Council for Educational Administration, Columbus, Ohio, Developing Training Modules (Women's Educational Equity Act), Academic Faculty of Educational Administration, 1 September 1977 through 31 August 1978. (Project 710858 - New)

\$13,161.00 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for the Mentally Retarded, 1 October 1977 through 30 September 1978. (Project 710855 - New)

\$9,996.00 - Deere and Company, Moline, Illinois, The Effect of Thickness, Strain Rate and Strain Level on the NDT Temperature of Mild Steels, Department of Metallurgical Engineering, 10 October 1977 through 9 October 1978. (Project 710841 - New)

\$8,003.00 - Battelle-Columbus Laboratories, Durham Operations, Durham, North Carolina, Scientific Services on the Effects of Atmospheric Turbulence on Millimeter Transmission, ElectroScience Laboratory, Department of Electrical Engineering, 9 November 1977 through 1 April 1978. (Project 710868 - New)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$7,500.00 - Rockwell International, Columbus Aircraft Division, Columbus, Ohio, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering, 9 November 1977 through 31 January 1978. (Project 710859 - New)

\$6,410.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, School of Public Administration, 14 October 1977 through 31 March 1978. (Project 710852 - New)

\$5,995.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Navy Bean Phytohemagglutinin as Cofactor in Development of Lymphoma, Department of Medicine, 1 November 1977 through 31 October 1978. (Project 710877 - New)

\$5,830.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Relationship of the Major Histocompatibility Complex to Macrophage Mediated Tumor Cell Destruction, Department of Microbiology, 1 November 1977 through 31 October 1978. (Project 710866 - New)

\$2,875.00 - Guernsey County 701 Planning Funds, City of Cambridge, County of Guernsey, Ohio, Guernsey County Housing Survey, Department of Agricultural Economics and Rural Sociology, 7 September 1977 through 6 February 1978. (Project 710817 - New)

\$450.00 - Piper Aircraft Corporation, Vero Beach Plant, Vero Beach, Florida, General Aviation Low-Speed Airfoil Design and Development Service - Individual "Users" Orders, Department of Aeronautical and Astronautical Engineering, 15 June 1977 through 31 July 1977. (Project 784765 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS

\$421,517.00

ENGINEERING EXPERIMENT STATION

Federal Research Contract

\$64,077.00 - The Products Research Committee of the National Bureau of Standards, Washington, D. C., for Determination of Fire Hazards of Systems Containing Cellular Plastics, Department of Chemical Engineering, January 1, 1977 through December 31, 1977. (EES 532, Extension No. 2)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Contract

\$25,840.00 - The Association of American Railroads, Chicago, Illinois, Failure (Hazard) Mode and Effect Analysis and Fault-Tree Analysis to Determine Potential Failures and Problems Associated with the Use of Hand Brakes on Freight Cars, Department of Industrial and Systems Engineering, November 1, 1977 through October 31, 1978. (EES 574)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$269,720.00 from Ernst and Ernst Foundation, Cleveland, Ohio, for their Professorship in Accounting.

\$42,000.00 from Ohio Lions Eye Research Foundation, Steubenville, Ohio: \$17,000.00 for the Ohio Lions Club Blindness Research Fund, \$9,500.00 for the Lions 1977 (Hill) Fund, \$8,500.00 for the Lions 1977 (Jones) Fund, \$5,000.00 for the Lions 1977 (Schoessler) Fund, and \$2,000.00 for the Lions 1977 (Fry) Fund.

\$26,750.00 from General Motors Corporation, Detroit, Michigan, for their named scholarship fund.

\$21,000.00 from Wolfe Associates, Inc., Columbus, Ohio: \$15,000.00 for the Judson D. Wilson Professorship in Orthopedic Surgery and \$6,000.00 for the University Activities Center.

\$20,046.41 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$14,079.05 from Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$13,100.00 from Mr. Ralph E. Heffner (given in the names of Ralph W. and William G. Heffner), Celina, Ohio, for project(s) to be designated at a later date.

\$12,250.00 from Eastman Kodak Company, Rochester, New York: \$6,000.00 for their scholarship fund in Chemical Engineering, \$2,500.00 for their scholarship fund in Administrative Science, \$1,250.00 for their scholarship fund in Industrial and Systems Engineering, \$1,000.00 for their scholarship fund in Aeronautical and Astronautical Engineering, \$750.00 for their scholarship fund in Chemistry, and \$750.00 for their scholarship fund in Mathematics.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$11,594.28 from Children's Hospital Research Foundation, Columbus, Ohio, for the Antibiotic Development Program.

\$11,500.00 from Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

\$10,054.82 from Frederick H. Davidorf, M.D., Inc. (given in the name of Frederick H. Davidorf), Columbus, Ohio: \$4,296.98 for the Ophthalmology Photography Fund, \$3,433.08 for the Retina Research Fund, \$1,584.76 for the Operation Eye Research Fund, and \$740.00 for the Ophthalmology Art Work Rotary Fund.

\$10,000.00 from Barbara W. Lambert, Ironton, Ohio, for the Homer M. Edwards Memorial Fund in the College of Law.

\$10,000.00 from John T. Tait, Columbus, Ohio, for project(s) to be designated at a later date.

\$10,000.00 from Zaner-Bloser, Inc., Columbus, Ohio, for the Academic Faculty of Exceptional Children Support Fund.

\$9,000.00 from Paul Ecke Poinsettias (given in the name of Paul Ecke, Jr.), Encinitas, California, for the D. C. Kiplinger Chair in Floriculture.

\$8,000.00 from E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Affirmative Action Program in Engineering Fund.

\$7,644.00 from The University Obstetricians & Gynecologists (given in the names of John Boutselis, Donald Bryan, Garth Essig, Moon Kim, Nicholas Teteris, Roberto Villalon, J. Hutchison Williams, and Frederick Zuspan), Columbus, Ohio: \$6,310.00 for the EPR-OBS Fund and \$1,334.00 for the John G. Boutselis Fund in Obstetrics and Gynecology.

\$6,439.58 from Children's Hospital of Columbus, Ohio, for the College of Medicine Progress Fund.

\$6,243.39 from Richard H. Keates, M.D., Inc., (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$6,000.00 from Diamond Shamrock Corporation, Cleveland, Ohio, for their fund in Chemical Engineering.

\$5,752.00 from Association of American Railroads, Chicago, Illinois, for their fellowship fund.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 from The Joseph Hill Memorial Foundation, Inc., Haslett, Michigan, for the Ohio Florists Association Special Fund.

\$5,000.00 from Kitayama Brothers, Watsonville, California, for the D. C. Kiplinger Chair in Floriculture.

\$5,000.00 from Monsanto Company, St. Louis, Missouri: \$3,000.00 for their Aid to Education Chemical Engineering Fund and \$2,000.00 for their Fund for Chemistry.

\$5,000.00 from Union Carbide Corporation, Ashtabula, Ohio, for their fellowship fund in Welding Engineering.

Establishment of Named Funds

The Wilbur R. Tullis Fund

The Wilbur R. Tullis Fund was established February 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Wilbur R. Tullis, B.S.Agr. '34, London, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The income is to be used by the College of Agriculture and Home Economics to support the annual Youth and Science Day. If the Youth and Science Day is discontinued, the income shall be made available to the Department of Agricultural Economics and Rural Sociology for students. All expenditures will be recommended by the Chairman of the Department of Agricultural Economics and Rural Sociology and approved by the dean of the college.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the College of Agriculture and Home Economics as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agriculture education.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Robert Andrew, R. Branson and Philene E. Frevert
Medical Research Memorial Endowment**

The Robert Andrew, R. Branson and Philene E. Frevert Medical Research Memorial Endowment was established February 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Philene E. Frevert, B.A. '17, of Clayton, Missouri, in memory of her husband, Robert Andrew Frevert, M.E. '10, and son R. Branson Frevert.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used exclusively for medical research in cancer, heart and arthritis. Cancer research is to be first consideration, as long as such is necessary.

Should the need for this research cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical research.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Contract/Grant

\$398,558.00 - State of Ohio, Department of Education, Columbus, Ohio, Standard for Colleges or Universities Preparing Teachers, College of Education, July 1, 1977 through June 30, 1979.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$4,909,715.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, 1 July 1972 through 30 September 1979. (Project 783489 - Modification No. 11)

\$521,198.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine, 1 December 1977 through 30 November 1978. (Project 761196- Extension No. 17)

\$190,974.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Maximizing CETA Goal Achievement through Prime Sponsor Management Systems, Department of Political Science, 15 September 1974 through 28 February 1979. (Project 784055 - Modification No. 6)

\$76,730.00 - Environmental Protection Agency, Washington, D. C., Biological Adequacy and Toxicity of Selenium Compounds from Food and Water, Department of Pharmacology, 28 November 1977 through 27 November 1978. (Project 710870 - New)

\$69,566.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Communication Application of Adaptive Arrays, ElectroScience Laboratory, Department of Electrical Engineering, 1 December 1977 through 28 February 1979. (Project 710929 - New)

\$67,495.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services, 1 February 1976 through 31 March 1978. (Project 784378 - Modification No. P00008)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,000.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Study the External Gravity Potential of the Earth and Geodetic Parameters Affected by Gravity, Department of Geodetic Science, 25 August 1975 through 30 September 1978. (Project 764214 - Modification No. P00006)

\$42,938.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Effect of Ethanol on Small Intestinal Function, Department of Medicine, 1 December 1977 through 30 November 1978. (Project 710879 - Extension No. 1)

\$42,863.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry, 1 January 1978 through 31 December 1978. (Project 710926 - Extension No. 1)

\$42,374.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Lipopolysaccharide Antigens of Pseudomonas Aeruginosa, Department of Chemistry, 1 January 1978 through 31 December 1978. (Project 710924 - Extension No. 2)

\$42,000.00 - National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria, Department of Chemistry, 1 March 1977 through 28 February 1979. (Project 784647 - Letter dated 22 November 1977)

\$39,050.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Abberant Gene Expression During Chemotherapy, Department of Physiological Chemistry, 1 December 1977 through 30 November 1978. (Project 710876 - Extension No. 5)

\$30,000.00 - Department of the Army, Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Electromagnetic Mine Detection and Identification, ElectroScience Laboratory, Department of Electrical Engineering. (Project 784722 - Modification No. P00002)

\$23,500.00 - National Science Foundation, Washington, D. C., Strained Polycyclic Aromatic Hydrocarbons, Department of Chemistry, 1 January 1975 through 31 December 1978. (Project 784102 - Letter dated 5 December 1977)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,938.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication. (Project 710772 - New)

\$18,567.00 - National Science Foundation, Washington, D. C., Analysis of Data from the Byrd Station Strain Network, Antarctica, Institute of Polar Studies, Graduate School, 31 December 1976 through 31 December 1978. (Project 784629 - Letter dated 14 December 1977)

\$5,700.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Chicago, Illinois, Traineeships in Occupational Therapy, School of Allied Medical Professions. (Project 710723 - Amendment No. 1)

\$4,000.00 - National Science Foundation, Washington, D. C., Relationship of Membrane States to Growth Performance in Plant Tissues, Department of Botany. (Project 783643 - Letter dated 6 December 1977)

\$1,650.00 - National Science Foundation, Washington, D. C., Dissertation Research: Demographic Transition in England, Department of History, 1 January 1978 through 31 December 1978. (Project 710925 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$6,209,258.00
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State of Ohio Research Contracts/Grants

\$48,653.84 - State of Ohio, Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine, 1 October 1977 through 30 September 1978. (Project 710875 - New)

\$4,158.00 - State of Ohio, Department of Health, Columbus, Ohio, Electroacoustic Status of Hearing Aids Worn by Public School Children in Columbus, Ohio, Department of Communication, 1 October 1977 through 30 September 1978. (Project 710931 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS	\$52,811.84
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Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology, 1 October 1976 through 30 September 1978. (Project 784521 - Letter dated 4 November 1977)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial and Other Contracts/Grants (contd)

\$53,685.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D. C., Continuation of the Kendall Demonstration Elementary School Career Education Project, The Center for Vocational Education, 1 October 1977 through 30 September 1978. (Project 710845 - New)

\$47,430.00 - World Health Organization, Geneva, Switzerland, Evaluation of the Safety of Immunizing Female Baboons with Synthetic hCG Peptides as a Fertility Control Measure - Task Force on Immunological Methods of Fertility Regulation, Department of Medical Microbiology, 1 January 1978 through 31 December 1978. (Project 710873 - Amendment)

\$27,800.00 - American Cancer Society, New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine, 1 January 1978 through 31 December 1978. (Project 710932 - New)

\$15,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Physiologic and Morphologic Correlation Studies on Motor Nerve Terminal, End Plate, Muscle Fiber, and Motor Unit Properties in Clinical and Experimental Neuromuscular Diseases, Department of Medicine, 1 January 1978 through 31 December 1978. (Project 710927 - Letter dated 18 November 1977)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Tectorial Membrane-Sensory Cilia Relationship, Department of Otolaryngology, 1 January 1978 through 31 December 1978. (Project 710923 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Experimental Otitis Media, Department of Otolaryngology, 1 January 1978 through 31 December 1978. (Project 710919 - New)

\$9,814.00 - Southeastern Center for Electrical Engineering Education, Inc., Bridgeport, New York, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics, 1 June 1977 through 31 December 1978. (Project 784787 - Amendment No. 1)

\$6,750.00 - Warren-Teed Pharmaceuticals, Inc., Horsham, Pennsylvania, A Study of Exocrine Pancreatic Function, Department of Medicine. (Project 784687 - Letter dated 13 December 1977)

\$5,904.00 - Philip Morris Research Center, Richmond, Virginia, Effect of Nicotine on Rage Behavior in the Cat, Department of Psychology, 1 July 1977 through 30 September 1978. (Project 784767 - Letter dated 25 October 1977)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial and Other Contracts/Grants (contd)

\$4,979.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine. (Project 783706 - Check received 30 September 1977)

\$3,750.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, School of Public Administration, 14 October 1977 through 31 March 1978. (Project 710936 - New)

\$3,327.00 - University of Missouri, Columbia, Missouri, Study of Gas-Solid Airflow Over a Flat Plate, Department of Chemical Engineering, 1 October 1977 through 30 September 1978. (Project 710878 - New)

\$2,300.00 - ECCO Family Health Center, Columbus, Ohio, Expansion of Dental Services, School of Allied Medical Professions, 1 November 1977 through 31 July 1978. (Project 710917 - New)

\$2,100.00 - Ashland Chemical Company, Columbus, Ohio, Stereo Electron Micrographic Studies of Carbon Black, Department of Geodetic Science, 1 August 1976 through 31 March 1978. (Project 784507 - Check dated 7 October 1977)

\$1,000.00 - Muscular Dystrophy Association, Columbus, Ohio, Correlation of Morphology and Axoplasmic Transport in the Dying-back Process of Peripheral Nerve Degeneration, Department of Medicine, 1 July 1977 through 30 June 1978. (Project 710918 - New)

\$438.00 - Grandview Heights City School District, Columbus, Ohio, Enrollment Projections and School Census for Grandview Heights School System, Academic Faculty of Educational Administration, 15 November 1977 through 31 December 1977. (Project 710874 - New)

**TOTAL - INDUSTRIAL AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$304,277.00

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contracts/Grants

\$62,465.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Stability of Slopes in Shale and Colluvium, Department of Civil Engineering, December 15, 1977 through December 14, 1978. (EES 576)

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$23,748.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, Task 3: Benefits of Specific Productivity Improvement, and Task 5: Impact of Load Shape Changes on Benefits of Improved Productivity of FEA-RFP No. 70278, Department of Mechanical Engineering, December 1, 1977 through July 31, 1978. (EES 575)

\$5,400.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, A Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, Department of Mechanical Engineering, April 22, 1975 through September 20, 1978. (EES 508C, Extension No. 2)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$91,613.00

Industrial and Other Contract

\$10,000.00 - Columbus & Southern Ohio Electric Company, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, December 1, 1977 through December 11, 1978. (EES 510)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$593,000.00 from Estate of Ervin G. Bailey, Boston, Massachusetts, for the establishment of the Ervin G. Bailey Chair in Energy Conversion.

\$200,000.00 from Ohio Real Estate Commission, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$161,865.00 from Mr. Leslie H. Wexner, Columbus, Ohio, for the Wexner Fund.

\$100,000.00 from Estate of Edna Smith Eakin, Lake Worth, Florida, for the Edna Smith Eakin Memorial Loan Fund.

\$84,000.00 from Mr. Howard E. LeFevre, Newark, Ohio, for the Howard E. and Catherine Bonner LeFevre Fund.

\$56,100.00 from Eli Lilly and Company, Indianapolis, Indiana-\$49,500.00 for the Clinical Pharmacology of Dobutamine - Eli Lilly Company and \$6,600.00 for the Infectious Disease Research Fund.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$52,250.00 from Mr. Roger A. Vaughan, Columbus, Ohio, for the Presidents Club Special Fund.

\$50,000.00 from Mr. John W. Galbreath, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$40,617.65 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$33,200.00 from The Akron Area Board of Realtors, Akron, Ohio, for the John W. Galbreath Chair in Real Estate.

\$30,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$30,000.00 from Wolfe Associates, Inc., Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$28,000.00 from Mr. John D. Drinko, Cleveland, Ohio, for the Newton D. Baker Scholarship Fund.

\$25,000.00 from The Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for the Edward C. and Hazel L. Stephenson Scholarship Fund.

\$20,000.00 from Ford Motor Company Fund, Dearborn, Michigan--\$10,000.00 for the SDRC Fund, \$5,000.00 for the Corporate Associates, and \$5,000.00 for the Welding Engineering Grant-in-Aid - Ford Motor Company.

\$20,000.00 from Mr. John F. Moxley, Westfield Center, Ohio, for the John F. Moxley Fund in Natural Resources.

\$17,715.00 from Pfizer, Inc., Croton, Connecticut, for the Clinical Pharmacology Fund.

\$17,195.00 from The Yassenoff Foundation, Inc., Columbus, Ohio, for designated departments and projects at the University.

\$14,647.00 from Canton-Massillon Board of Realtors, Akron, Ohio, for the John W. Galbreath Chair in Real Estate.

\$13,523.30 from Louise Orr Scott Foundation, Columbus, Ohio, for the William Craig Orr and Mary Black Orr Scholarship in Medicine.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$13,352.74 from Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$11,950.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$11,000.00 from Katherine E. Parrett Trust, Washington C. H., Ohio, for the Katherine E. Parrett Fund.

\$11,000.00 from The E. F. Wildermuth Foundation, Columbus, Ohio, for the Kathryn M. and E. F. Wildermuth Memorial Fund.

\$10,898.13 from Stanford University, Stanford, California, for the Political Science Department Chairman's Discretionary Fund.

\$10,678.00 from Allegheny Foundation, Pittsburgh, Pennsylvania, for the Veterinary Surgery Research Fund - Hohn.

\$10,429.75 from Department of Ohio Ladies Auxiliary, Troy, Ohio, for the Cancer Research Fund.

\$10,027.50 from Mrs. Elizabeth J. Carruthers, Cincinnati, Ohio, for the Carruthers Dairy Science Educational Fund.

\$10,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Affirmative Action Program in Engineering.

\$10,000.00 from Mr. Donald A. Borrer, Columbus, Ohio, for the College of Law Advancement Fund.

\$10,000.00 from The Grimes Foundation, Delray Beach, Florida, for the Physical Medicine Support Fund.

\$10,000.00 from William H. Havener, M.D., Columbus, Ohio, for the Ophthalmology Teaching Fund.

\$10,000.00 from Helen Coast Hayes, Portland, Ohio, for the Operation Eye Research Fund.

\$10,000.00 from Kohr & Royer, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,000.00 from Mrs. Ralph W. Kurtz, Tampa, Florida, for the Helen C. Kurtz Chair in Radiology.

\$10,000.00 from Mr. Ralph W. Kurtz, Tampa, Florida, for the Ralph W. Kurtz Chair in Endocrinology.

\$10,000.00 from The Kaplan-Halpert Foundation, Inc., (given in the name of Joseph M. Kaplan), Cleveland, Ohio, for the Endocrine Research Fund.

\$10,000.00 from New York Yankees (given in the name of George M. Steinbrenner), Bronx, New York, for the Department of Athletics Discretionary Fund.

\$10,000.00 from Ohio Power Company, New York, New York, for the American Electric Power Fund for Engineering.

\$10,000.00 from Porthouse Foundation (given in the name of Cyril R. Porthouse), Kent, Ohio--\$5,000.00 for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering and \$5,000.00 for the Student Athlete Grant-in-Aid Fund.

\$9,400.00 from Dow Chemical, Midland, Michigan, for the Dow Chemical Company Fund in Computer and Information Science.

\$9,000.00 from Bob Keim Ford, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$8,800.00 from The Peat, Marwick, Mitchell Foundation, New York, New York, for the Peat, Marwick, Mitchell & Co. Fund.

\$8,687.68 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$8,600.00 from Mrs. Dorothy A. Burchfield (given in the name of James R. Burchfield), Columbus, Ohio, for the College of Law Advancement Fund.

\$8,100.00 from Searle, Chicago, Illinois, for the Infectious Disease Research Fund.

\$7,637.88 from Mr. Paul W. Brown, Columbus, Ohio, for the College of Law Advancement Fund.

\$7,500.00 from Amoco Foundation, Chicago, Illinois--\$6,000.00 for the Distinguished Teachers Awards Fund and \$1,500.00 for the University Emergency Fund.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$7,500.00 from Nephrology Associates, Columbus, Ohio, for the Renal Disease Research Fund.

\$7,500.00 from Mr. James R. Riley, Worthington, Ohio, for the James R. Riley Professorship in Transportation and Logistics Fund.

\$7,000.00 from Dr. Byron L. Bondurant, Dublin, Ohio, for the Alan Clay Bondurant Memorial Fund.

\$6,754.00 from Gladys R. Dunlap, Columbus, Ohio, for the Presidents Club Special Fund.

\$6,666.66 from Wolfe Associates, Inc., (given in the name of John Walton Wolfe), Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$6,361.68 from Richard H. Keates, M.D., Inc., Columbus, Ohio, for the Eye Bank Fund.

\$6,000.00 from Consumer Guild Foods, Inc., (given in the name of Ann M. Ascham), Toledo, Ohio, for the Consumer Guild Foods Graduate Research Fund in Emulsified Foods.

\$5,954.85 from Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$5,712.90 from Diabetes Clinic, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$5,645.00 from Dr. Martin W. Essex, Columbus, Ohio, for the Presidents Club Special Fund.

\$5,481.00 from Mr. Wayne E. Smith, Worthington, Ohio, for the Wayne E. and Mildred K. Smith Endowment Fund.

\$5,187.50 from Mrs. Ida Topper, Columbus, Ohio, for the Isadore and Ida Topper Fund.

\$5,000.00 from Ashland Oil, Inc., Ashland, Kentucky, for the Minority Assistance Program in the College of Administrative Science.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 from Harriet Ann Blankenbuehler, Troy, Ohio, for the John H. Blankenbuehler Scholarship in Welding Engineering.

\$5,000.00 from Clow Corporation, Oak Brook, Illinois, for the Harkers Fund.

\$5,000.00 from Robert W. Copelan, Paris, Kentucky, for the Equine Nutrition Research Fund.

\$5,000.00 from Elano Corporation (given in the name of Ervin J. Nutter), Xenia, Ohio, for the College of Agriculture and Home Economics Dean's Discretionary Fund.

\$5,000.00 from Dr. Fred A. Hitchcock, Columbus, Ohio, for the Fred A. Hitchcock Professorship in Environmental Physiology Fund.

\$5,000.00 from Basil W. Long, Worthington, Ohio, for the Dean's Education and Research Fund - Veterinary Medicine.

\$5,000.00 from The Merck Company Foundation, Rahway, New Jersey, for the Teaching and Learning Development Grant.

\$5,000.00 from Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$5,000.00 from Monsanto Company, St. Louis, Missouri, for the Department of Agronomy Week Science Endowment Fund.

\$5,000.00 from Noba, Inc., (given in the name of B. Maxwell Drake), Tiffin, Ohio, for the Noba, Inc., Research Fund.

\$5,000.00 from Mrs. Milton M. Parker, Columbus, Ohio, for the Harriet and Milton Parker Fund in Neuro-Psychiatry.

\$5,000.00 from Everett D. Reese Fund of The Columbus Foundation (given in the name of Everett D. Reese), Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,000.00 from Shibata Brothers, Mt. Eden, California, for the D. C. Kiplinger Chair in Floriculture.

February 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Establishment of Named Funds

The Jan R. Dunsford Memorial Scholarship Fund

The Jan R. Dunsford Memorial Scholarship Fund was established February 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Marguerite H. Dunsford of Sewickley, Pennsylvania, in memory of her beloved husband, Jan R. Dunsford, M.E. '08.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for members of the junior and senior classes of the College of Engineering. The selection of the recipient is to be made on the basis of scholastic achievement, character and need by the University Scholarship Committee and the Dean of the College of Engineering.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Engineering education.

Julia I. Dalrymple

O.S.U. Home Economics Education Endowed Graduate Fellowship

The Julia I. Dalrymple O.S.U. Home Economics Education Endowed Graduate Fellowship was established February 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Julia I. Dalrymple, Ph.D. '53, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion demands.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time the income is to be used to provide graduate fellowship(s) in Home Economics Education for academically qualified students with first preference for doctoral students. The selection of the recipients is to be made by the Home Economics Education Graduate Faculty and submitted to the School of Home Economics Fellowship Committee in cooperation with the Director of the School of Home Economics and the Dean of the College of Agriculture and Home Economics.

Should the need for these fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Home Economics Graduate Study.

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February 3, 1978 meeting, Board of Trustees

EMPLOYMENT ARCHITECTS/ENGINEERS

ENERGY MODIFICATIONS TO BUILDINGS-PROJECT I, II, AND III

Resolution No. 78-78

Synopsis: Continuation of the University's Energy Conservation Program to include selected modifications from completed energy surveys and reports.

WHEREAS the present energy availability necessitates the continuation of the ongoing energy conservation modifications at The Ohio State University; and

WHEREAS the completed energy programs have resulted in substantial savings for The Ohio State University; and

WHEREAS \$850,000.00 has been provided from H.B. 618, Utilities and Renovation 1977-79 Biennium for this project:

NOW THEREFORE

BE IT RESOLVED, That the firms of Larsen Engineering Company, Columbus, Ohio, be employed for engineering services on Projects I and III, and Jeffrey A. Jones & Associates, Inc., of Columbus, Ohio, be employed for Project II, including working drawings, specifications, estimates of cost, and all necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firms and the Department of Administrative Services, Division of Public Works, with the total project cost being \$850,000.00.

Upon motion of Mr. Havens, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

STARLING-LOVING HALL IMPROVEMENTS-PHASE II

Resolution No. 78-79

Synopsis: Continuation of improvement program which began in 1973 for the educational program needs of the College of Optometry.

WHEREAS Wing A of Starling-Loving Hall, originally constructed in 1916 with the north section being constructed in 1936 has allowed for the expansion of the College of Optometry due to the vacation of the space by the relocation of University Hospital Clinic operations to a new building, and nearly 46,000 square feet has been renovated under a project completed in 1976; and

February 3, 1978 meeting, Board of Trustees

STARLING-LOVING HALL IMPROVEMENTS--PHASE II (contd)

WHEREAS 4,595 square feet of additional space is required for general Optometry Clinic rooms, visual training space, and service space for optometric technician students, and the present condition of the space is functionally inadequate and deteriorated; and

WHEREAS the improvements will include work related to meeting current building codes, window replacement, corridor and stairwell improvements, improvement of electrical service, partitioning of space, improvement of flooring and room services, and improvement of visual and thermal environments:

NOW THEREFORE

BE IT RESOLVED, That the firm of John S. Coke and Associates, of Columbus, Ohio, be employed to provide complete architectural services for this project, including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$160,000 with funds provided from Amended Substitute House Bill 618 (Utilities and Renovation--1977-79 Biennium).

Upon motion of Mr. Harrod, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 78-80

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval:

UTILITY TUNNEL REPAIRS - PHASE I

Project: Repair of structural defects in utility distribution tunnels due to deterioration.

Funding: H.B. 618, Utilities and Renovation 1977-79 Biennium

Estimated Project Cost: \$230,000.00

February 3, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

--O--

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 78-81

Synopsis: A contract has been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend award, in accordance with the established University procedures for the following project:

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III

Description: Continuation of the energy conservation programs for The Ohio State University. This project includes additional project work in various buildings which will expand the capability of the system and will be within design parameters for energy savings and communications originally established.

Temperature Control Contract

Date Received: April 16, 1975*

Bids: Alternate, unit price bids, and pricing procedures established when bids were received on Phase I and II of this project by the Department of Administrative Services, Division of Public Works.*

Estimate of Cost: \$550,000*

*Change orders will be processed by the Division of Public Works to include alternate bids, and unit price items applicable to the expansion of the scope of the work on the Central Campus Energy Control Center.

February 3, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CENTRAL CAMPUS ENERGY CONTROL CENTER - PHASE III (contd)

Total Project Cost:	\$550,000*
Awarded to:	Johnson Controls, Inc. (Columbus, Ohio)*
Total Contingency Allowance:	Not Applicable
Funding:	H.B. 618 (Utilities and Renovation 77-79 Biennium)

*Change orders will be processed by the Division of Public Works to include alternate bids, and unit price items applicable to the expansion of the scope of the work on the Central Campus Energy Control Center.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, a construction project was bid, a contract was recommended for award, and the expenditure of project funds is hereby reported.

Upon motion of Mr. Havens, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

SALE OF PROPERTY--LOT 184, GENEVA-ON-THE-LAKE, OHIO

Resolution No. 78-82

Synopsis: Sale of Lot 184, Geneva-on-the-Lake, Ohio, is proposed.

WHEREAS the University has been provided an opportunity to sell an undivided one-half interest in the following property which has been held in the University Endowment Portfolio:

Situated in the Township of Geneva, County of Ashtabula, and State of Ohio, and known as being Sublot 184 in "The J. C. Palmer Realty Company's Palmetto Beach Allotment" of original Geneva Township Lot 47, as shown by the recorded plat in Volume 8, pages 3, 4, 5 and 6 of the Records of Maps of Ashtabula County, Ohio; and

WHEREAS the University, through the Development Fund, was named as a residual beneficiary in the Ivot Spafford Estate and received in 1976 an undivided one-half interest in Lot 184, Geneva-on-the-Lake; and

February 3, 1978 meeting, Board of Trustees

SALE OF PROPERTY--LOT 184, GENEVA-ON-THE-LAKE, OHIO (contd)

WHEREAS a firm offer has been received from buyers Matthew T. and Mary A. Jones to purchase the gift property; and

WHEREAS Mrs. Alice Spafford, co-owner, has given her consent to sell and authorization for the University to proceed on her behalf; and

WHEREAS the University and Alice Spafford are in mutual agreement as to selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell the University's undivided one-half interest in said property in the name of the Board of Trustees of The Ohio State University, on behalf of the Development Fund, the proceeds from such sale to be channeled through the Development Fund.

Upon motion of Mr. Harrod, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

EASEMENT - OHIO POWER COMPANY

Resolution No. 78-83

Synopsis: Electrical Easement on Newark Regional Campus is being proposed.

WHEREAS the University has received a request from the Ohio Power Company for an electrical easement to construct an underground electrical line to serve the building under Phase III construction on the Newark Regional Campus; said underground electrical line shall be constructed within the limits of a 10-foot strip of land commencing in the northwest quadrant of the Newark Regional Campus, being approximately 514 feet south in distance, with a deflection angle east at the southwest end of the strip, said segment contains a 10-foot strip of land 175 feet in length; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

February 3, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE

VISION CARE GROUP INSURANCE PROGRAM

Resolution No. 78-84

Synopsis: Vision Care Group Insurance Program is proposed.

WHEREAS, as Vice Chairman of the Fiscal Affairs Committee, the following resolution is presented based on the recommendation of the Administration of this University that a group vision care insurance program be established for all of the regular employees of the University.

WHEREAS it was further recommended that this program provide, for regular employees and participating dependents, the following eye care insurance benefits no more than once during any consecutive 24 months;

Vision Examination	\$ 20
Lenses	
Single	20 per pair
Bifocals	32 per pair
Trifocals	44 per pair
Lenticular	55 per pair
Contacts (for medical reasons)	150 per pair
Frames	20 per frame

WHEREAS the University prepared group vision care insurance specifications and requested quotations from thirty-three insurance firms and received quotations from nine carriers, which were opened and publicly read on November 30, 1977; and

WHEREAS the appropriate administrative offices of the University have evaluated and received these quotations and have concluded that Ohio Medical Indemnity, Inc., (Blue Shield) has submitted the most favorable quotation:

NOW THEREFORE

BE IT RESOLVED, That Ohio Medical Indemnity, Inc., be designated as carrier for the University's group vision care insurance program at a monthly premium of \$1.31 per member and an estimated annual premium of \$224,652 of which \$8,536 is to be paid by the Ohio Agricultural Research and Development Center for their participation in the program with coverage for dependents available on an optional basis provided at least 50 per cent of those eligible to enroll do so and a monthly premium for the dependent coverage will be--spouse, \$1.31; spouse and children, \$3.74--to be paid by the participating individuals; and

February 3, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

VISION CARE GROUP INSURANCE PROGRAM (contd)

BE IT FURTHER RESOLVED, That this coverage be awarded to Ohio Medical Indemnity, Inc., for a two-year period effective April 1, 1978, with premiums and the performance of the carrier reviewed annually with the insurance contract remaining in force after the initial two-year term until the Board of Trustees deems it appropriate to seek new quotations.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC

Resolution No. 78-85

Synopsis: Construction of a Veterans Administration Clinic is proposed.

WHEREAS the Veterans Administration will be relocating clinic services currently housed in Campus facilities so as to be able to combine all of the clinical activities in Franklin County in one facility; and

WHEREAS the General Services Administration, acting as the agent of the Veterans Administration, has invited this University to submit a proposal for providing such a clinical facility; and

WHEREAS the Administration at the direction of this Board has developed a proposal which would require the use of Endowment funds for financing the construction of such a facility which would be leased to the Veterans Administration for a ten-year period with two 5-year renewal options; and

WHEREAS four contractors were selected for interview in connection with this project, and after careful consideration one contractor, Six Industries, was selected to assist the University in preparing a proposal to the General Services Administration for this purpose; and

WHEREAS the Fiscal Affairs Committee and Educational Affairs Committee each reviewed the proposal and recommended its acceptance:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to present the proposal to the General Services Administration for providing clinic space for the Veterans Administration; and

February 3, 1978 meeting, Board of Trustees

CONSTRUCTION OF A VETERANS ADMINISTRATION CLINIC (contd)

BE IT FURTHER RESOLVED, That if this proposal is accepted by the General Services Administration on behalf of the Veterans Administration that a commitment from University Endowment funds up to \$3,500,000 be made available to construct such a facility; and

BE IT FURTHER RESOLVED, That Six Industries be selected as the contractor to manage the design-construction of this facility should the University's proposal be accepted by the General Services Administration.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-86

RESOLVED, That the report on the University's Investment Portfolio dated January 31, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees be received and filed with the official records of the Board.

--O--

SHARING OF SERVICES WITH TECHNICAL COLLEGES AT REGIONAL CAMPUSES

Resolution No. 78-87

Synopsis: Authorization to revise agreements with technical colleges for sharing facilities and services and drawing upon advice and counsel of Citizens Councils is being proposed.

WHEREAS The Ohio State University continues in its commitment to provide educational opportunity on its regional campuses at Lima, Marion, Mansfield, and Newark; and

WHEREAS technical colleges, created under Ohio law to provide technical education for citizens of those regions, share facilities accepted by The Ohio State University from the citizens of those regions and the State; and

WHEREAS the Citizens Councils of these regional campuses have provided an invaluable source of advice and counsel in the development of the regional campuses; and

WHEREAS experience has shown the need for greater local authority in exploring opportunities for the sharing of services and a clear need for closer coordination at a local level between the Citizens Councils, representing the University, and the technical college Boards of Trustees:

February 3, 1978 meeting, Board of Trustees

**SHARING OF SERVICES WITH TECHNICAL COLLEGES
AT REGIONAL CAMPUSES (contd)**

NOW THEREFORE

BE IT RESOLVED, That the administration of The Ohio State University is hereby authorized to revise agreements with those technical colleges which share facilities with its regional campuses to facilitate a maximum sharing of services and facilities, drawing upon the advice and counsel of the Citizens Councils; and

BE IT FURTHER RESOLVED, That the Board of Trustees of each technical college be invited to join with the appropriate Citizens Council to form a Joint Conference Committee (a) to monitor and report to the Trustees of each institution annually concerning opportunities for the sharing of services and facilities and (b) to mediate in cases of administrative disputes concerning the sharing of said services between the two institutions.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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UNIVERSITY PROPERTIES

Mr. Gushman made the following statement:

I have one matter that I would like to bring to the attention of the Board. We have been concerned with the budget problems we have had for years about the various properties that this University owns other than our educational facilities at the regional campuses and at the main campus and I have asked Dr. Moulton and his staff to prepare for the Board a summary of all such properties currently owned by the University outside of Franklin County. This will be distributed to you today. In addition, since we focused attention on this problem, an administrative committee has been established which consists of the Provost, the Vice President for Business and Administration, and the Executive Assistant to the President and Director of Budget and Resources Planning--not just take this report and file it which would not get us anywhere--but to come up with recommendations on each specific property as to whether it is producing income, is it needed, and should it be retained? Hopefully, this will focus attention on this problem which has been of concern to me, Mr. President, for quite a few years. No action is required now. I hope you will take this report and give it some study and then Dr. Moulton, I understand you will come back to us through the President with separate recommendations on what you believe would be the best interests of the University.

--O--

February 3, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

APPENDIX II

**Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
March 16, 1978**

HONORARY DEGREE

PHILIP HANDLER
Doctor of Science

You have held up excellence as the hallmark of your life as student, teacher, scientist, scholar, author, editor and professional person. As a national and international leader in the world of science, you have maintained the same high standards in defending the integrity of the scientist's search for new knowledge, attacking the intrusion of political interference in the opportunity to search and upholding the loftiest ideals of freedom and achievement in higher learning.

Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Ninety-three candidates

William Butler Abernathy, Chillicothe; B.A. (Florida State University); M.A. (George Peabody College); Psychology; Dr. David Hothersall

Hernán Enrique Acosta Falcón, Valencia, Venezuela; Economista (University of Carabobo); M.B.A. (University of Wisconsin); Interdisciplinary: Economics, Agricultural Economics, Rural Sociology, Preventive Medicine and Education; Dr. Samuel C. Kelley, Jr.

Harold Paul Anderson, Mountainview, Calif.; B.A. (Villanova University); M.A.; History; Dr. John C. Rule

Robert Kwaku Anim, Nkwakaw, Ghana; B.S. (Ag.) (Tuskegee Institute); M.S.; Agricultural Education; Dr. Robert W. McCormick

Maria Grevenioti Babajimopoulos, Chrysopolis, Greece; Ptychion (Aristotelian University); M.S.; Food Science and Nutrition; Dr. Emil M. Mikolajcik

Elliot David Baker, Columbus; B.A. (University of Pennsylvania); M.S.; Biophysics; Dr. Carl R. Ingling, Jr.

Dorothy Johnson Bergamo, Phoenix, Ariz.; Ph.B. (University of Chicago); B.F.A. (School of the Art Institute of Chicago); M.A. (Northwestern University); Art Education; Dr. Arthur D. Eland

Donald Gerald Bergmann, Kalamazoo, Mich.; B.S. (Michigan State University); Microbiology; Dr. David A. Wolf

Anandbir Singh Bhatia, New Delhi, India; B.Tech., M.Tech. (Indian Institute of Technology, Delhi); Civil Engineering; Dr. Kamran Majidzadeh

Walterine Bicknell, Columbus; B.A. (Wellesley College); M.A.; Romance Languages and Literatures; Dr. Pierre Astier

Patricia Rae Blum, Dayton; B.S., M.S. (Wright State University); Chemistry; Dr. Devon W. Meek

Earl Bruce Brookbank, III, Columbus; B.M.E., M.S.; Mechanical Engineering; Dr. Lynn L. Faulkner

Kathleen Anne Buntin, Columbus; B.A. (Westminster College); M.A. (Middlebury College); German; Dr. Charles W. Hoffman

Janie Ann Campanizai, Flushing; B.S. (Ohio University); M.A.; Education; Dr. John C. Bolland

Ronald Stephen Carroll, Rochester, N. Y.; B.S.Ed. (Bowling Green State University); M.S. (Syracuse University); Physical Education; Dr. Charles L. Mand

Cornelius John Casey, Jr., Columbus; B.S. (University of Delaware); M.Acc.; Accounting; Dr. Thomas J. Burns

Ming Jen Wu Chang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan Normal University); M.S.; Physiological Chemistry; Dr. Thomas E. Webb

Ronald Curtis Chatfield, Columbus; D.V.M., M.S.; Veterinary Physiology and Pharmacology; Dr. Roger A. Yeary

Cheng-Hsiung Chiu, Hualien, Taiwan, R.O.C.; B.A.Econ. (National Taiwan University); M.A.; Economics; Dr. William G. Dewald

Mark David Cocker, Austin, Tex.; B.A. (Lafayette College); M.S.; Geology and Mineralogy; Dr. Ernest G. Ehlers

Charles Edward Colson, Broadhead, Ky.; B.A. (Berea College); Chemistry; Dr. Michael H. Klapper

Kent Bertram Davies, Worthington; B.S.M.E. (Case Institute of Technology); M.S.M.E. (Southern Methodist University); Engineering Mechanics; Dr. Alt E. Engin

Donald Eugene Day, Lockhaven, Pa.; B.A. (DePauw University); M.A. (Miami University); History; Dr. Merton L. Dillon

Karen Boatman Ekelman, North Royalton; B.S. (Ohio University); Developmental Biology; Dr. George E. Milo, Jr.

Gilbert Martin Fornaciari, Winona Lake, Ind.; B.A. (George Williams College); M.A. (Ball State University); Agricultural Economics and Rural Sociology; Dr. Ted L. Napier

Morris Frommer, Toledo; B.A., M.A.; History; Dr. Marvin R. Zahmiser

Sheung Chun Fu, Hong Kong; B.Sc. (Fresno State College); Physiological Chemistry; Dr. Lloyd A. Horrocks

William Carroll Goldwair, Jr., Louisville, Ky.; B.S. (Kentucky State University); M.S. (Indiana University); Education; Dr. William D. Dowling

Roland Francis Haag, Cleveland; A.B. (John Carroll University); M.A.; Classics; Dr. Mark P. O. Morford

Joanne Kay Haines, Akron; B.A., M.A. (University of Akron); Education; Dr. Anthony C. Riccio

Barbara Harrod Handmacher, Columbus; B.S. (Northwestern University); M.A.; Education; Dr. Donald J. Tosi

Richard Leon Hillard, Shelby; A.B. (Ohio University); History; Dr. Bradley Chapin

JoAnn Schickel Hilliker, Columbus; B.S., M.S. (University of Kentucky); Home Economics; Dr. Lois E. Dickey

Dennis Charles Hollins, Buffalo, N. Y.; B.A. (Hampton Institute); M.A.; Communication; Dr. Paul V. Peterson

Thomas John Husak, Cleveland; B.M.Ed. (Baldwin Wallace College); M.Ed. (Kent State University); Music; Dr. A. Peter Costanza

Andrew Susumu Imada, Kahului Maui, Hawaii; B.A. (University of San Francisco); M.S.; Psychology; Dr. Milton D. Hakel

Stephen Richard Jacobson, Scarsdale, N. Y.; B.S. (Dickinson College); A.M. (Harvard University); Geology and Mineralogy; Dr. Stig M. Bergstrom

Moses Karakouzian, Blacksburg, Va.; B.E. (American University of Beirut); M.S., M.B.A.; Civil Engineering; Dr. Kamran Majidzadeh

James Oliver Keith, Lakewood, Colo.; B.A. (University of California at Berkeley); M.S. (University of Arizona); Zoology; Dr. Tony J. Peterle

Douglas Flemming Kennard, Lima; B.S. (Ball State University); M.A.; Education; Dr. Roger T. Cunninghamham

Randall Howard King, Fairborn; B.S.Bus.Adm., M.A.; Economics; Dr. Herbert S. Parnes

Linda Smith Knight, Columbus; B.S.H.E.; Home Economics; Dr. Jean D. Dickerscheid

Hai-Ping Ko, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S., M.S.; Mathematics; Dr. Dijen K. Ray-Chaudhuri

Kristine Rae Koster, Westerville; B.A. (Michigan State University); M.A. (Bowling Green State University); Education; Dr. Vance W. Cotter

Gary Allen Kreuchauf, Columbus; A.B. (University of Michigan); M.A.; Psychology; Dr. George G. Thompson

Thomas James Lasley, II, Columbus; B.S.Ed., M.A.; Education; Dr. Charles M. Galloway

William Hunt LeGrande, Stonewall, La.; B.S., M.S. (Louisiana State University and A. & M. College); Zoology; Dr. Ted M. Cavender

Alfred Harvey Lerch, Columbus; B.A. (Cleveland State University); M.A.; Education; Dr. Herman J. Peters

Albert Wen-Chang Lin, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Chemistry; Dr. Theodore Kuwana

Jane Tiffany Lovett, Columbus; B.S.; Mathematics; Dr. Hans J. Zassenhaus

Robert Merrill Lloyd, Mt. Vernon; B.S., M.S.; Zoology; Dr. Roy A. Tassava

Stephen Anthony Ludwig, Cleveland; B.A. (DePauw University); M.S. (Ohio University); Physiological Chemistry; Dr. Howard W. Sprecher

Nerina Aires Coelho Marques, Belo Horizonte, Brazil; Bach. em Ciencias Dom. (University Rural do Estado de Minas Gerais); M.S.; Home Economics; Dr. Fern E. Hunt

Robert G. Meeks, Westerville; B.A. (Otterbein College); Pharmacology; Dr. Daniel Court

William Elliott Meyers, Columbus; B.S.; Biochemistry; Dr. Garfield F. Royer

Dennis Frank Michaels, Lorain; B.S.Ed. (Bowling Green State University); M.A. (University of Toledo); M.Ed. (Cleveland State University); Education; Dr. William D. Dowling

Michael Nicholas Milone, Jr., Folcroft, Pa.; B.A. (LaSalle College); M.A. (Gallaudet College); Education; Dr. Samuel C. Ashcroft

John Paul Morgan, Columbus; B.S.Agr., M.A.; Agricultural Education; Dr. J. Robert Warmbrod

Gary Wesley Morris, Columbus; B.A., M.A. (University of Texas); Psychology; Dr. Paul D. Isaac

Jill Helene Mushkat, Westerville; A.B., M.A. (Washington University); Education; Dr. Herman J. Peters

Madhavarao Nagarajan, Madras, India; B.Sc. (Madras University); M.Sc. (Indian Institute of Technology); *Chemistry*; Dr. Harold Shechter

Richard Joseph Neff, Westerville; B.A., M.A.; *Education*; Dr. Gilbert A. Jarvis

Susan Waldron Newkirk-Sanborn, Kettering; A.B. (Radcliff College); M.A.; *Psychology*; Dr. Charles Wenar

Daniel O. Ogunbiyi, Ondo, Nigeria; B.A. (University of Ife); M.A.; *Physical Education*; Dr. Bruce L. Bennett

Jerome Quartermann, Cleveland; B.S. (Savannah State College); *Physical Education*; Dr. Daryl Siedentop

Donald Louis Raiff, Columbus; B.S., B.A. (University of Dayton); M.A.; *Economics*; Dr. William G. Dewald

Fred E. Rhoton, Moss, Tenn.; B.S. (Tennessee Technological University); M.S. (University of Tennessee); *Agronomy*; Dr. Neil E. Smeck

Barbara Anne Robinson, Lorain; B.F.A. (Bowling Green State University); M.A. (Columbia University); *Art Education*; Dr. Arthur D. Efland

Mary Isobel Rosner, Saugerties, N. Y.; B.A. (State University of New York College at New Paltz); M.A.; *English*; Dr. Richard D. Altick

Timothy Patrick Ryan, New Orleans, La.; B.A. (Louisiana State University and A. & M. College); M.A.; *Economics*; Dr. Frederick D. Stocker

Louis Edgar Sahr, Columbus; B.S. (Allegheny College); M.S. Phys. (Case Western Reserve University); M.S.; *Industrial and Systems Engineering*; Dr. Richard A. Miller

Carol Anne Sainey, Lancaster; B.S.Ed. (Ohio University); M.A.; *History*; Dr. Philip P. Poirier

Earl Russell Schaeffer, Columbus; B.S.Ed.; M.A.; *Education*; Dr. William D. Dowling

John Warner Scott, Churchville, N.Y.; B.S., M.S. (Michigan State University); *Horticulture*; Dr. Dale W. Kretchman

Sandra Lynn Shullman, Columbus; B.A. (Dickinson College); M.Ed. (Harvard University); *Psychology*; Dr. Frank M. Fletcher

Alexander Forward Smith, Columbus; B.A. (Denison University); M.S. (Ohio University); *Education*; Dr. Philip A. Tripp

Willis Hess Snow, Wyoming, Mich.; B.S., M.S. (Utah State University); *Political Science*; Dr. Donald S. Van Meter

Maro Ran-Ir Söndahl, Sao Paulo, Brazil; M.S. (Universidade de Sao Paulo); *Microbiology*; Dr. William R. Sharp

Sister Diana Paula Stano, Pepper Pike; A.B. (Ursuline College); *Education*; Dr. Robert W. Howe

Robert Szentirmay, Youngstown; B.S., M.S. (Youngstown State University); *Chemistry*; Dr. Theodore Kuwana

Joseph Louis Taraba, Columbus; B.Ch.E., M.S.; *Chemical Engineering*; Dr. John T. Heibel

Kwoliang David Tau, Columbus; B.S. (National Chung-Hsing University); M.S.; *Chemistry*; Dr. Devon W. Meek

Mustafa Ahmad Ukayli, Riyadh, Saudi Arabia; B.S., M.S. (American University of Beirut); *Geology and Mineralogy*; Dr. Wayne A. Pettyjohn

David Gordon Ullman, Columbus; B.S., M.S. (University of Cincinnati); *Mechanical Engineering*; Dr. Henry R. Velkoff

Daniel Attilio Valleria, East Liverpool; B.S., M.S.; *Microbiology*; Dr. Matthew C. Dodd

Nicholas Vontolos, Columbus; B.A., M.A.; *Slavic Languages and Literatures*; Dr. David F. Robinson

Harold Elmore Wade, College Park, Ga.; A.B. (Stillman College); M.A. (University of Alabama); *Education*; Dr. Jack R. Frymier

Kathleen Barkmeyer Wallace, Dayton; B.S. in Ed. (University of Dayton); *Communication*; Dr. Robert W. Wagner and Dr. Thomas A. McCain

Shin Min Patrick Wang, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); M.S.; *Mathematics*; Dr. Richard M. Wilson

Robert Wilbert Whisman, Columbus; B.S.Ed., M.A.; *Education*; Dr. Aaron J. Miller

Paula Sachs Wise, Cleveland; B.A. (University of Cincinnati); M.A.; *Psychology*; Dr. Fred L. Damarin

Sai Chi Wong, Fresno, Calif.; B.S. (Fresno State College); *Chemistry*; Dr. Gideon Fraenkel

Stanley Dean Wood, Lancaster, Pa.; B.S. (Eastern Nazarene College); M.F.A. (Ohio University); *Music*; Dr. A. Peter Costanza

Master of Accounting

Five candidates

David R. Albert, Muskegon, Mich.; B.S.E. (University of Michigan); *Accounting*

Lovenia Marie Maddox, Franklin Furnace; B.S.Ed.; *Accounting*

James Allen Schubert, Oberlin; A.B. (Oberlin College); *Accounting*

Michael J. Stevenson, Euclid; B.S.Bus.Admin.; *Accounting*

May Lin Wang, Taipei, Taiwan, R.O.C.; B.A. (National Chung-Hsing University); *Accounting*

Master of Architecture

One candidate

Rakesh Sharma, Chandigarh, India; B.Arch. (Panjab University); *Architecture*

Master of Arts

One hundred and twenty-four candidates

Elinor Coe Adams, Woodstock; B.S.Ed.; *Education*

Mark Sherwin Bach, Westerville; B.S.Ed. (Otterbein College); *Education*

Carolyn Kaye Beebe, Farmersville; B.S.Ed. (Capital University); *Education*

Gladys Berger, Columbus; B.S.N. (Northwestern State College of Louisiana); *Health Education (Physical Education)*

Robert Michael Bernstein, Brooklyn, N. Y.; B.S. (Union College); *Psychology*

Sharon Suzanne Besanceney, Newark; B.A. (College of William and Mary); *Education*

Margaret Bogenschutz, Euclid; B.A. (Ohio Dominican College); *Education*

Gail Kathryn Bostian, Charlotte, N. C.; B.A. (University of North Carolina); *Romance Languages and Literatures*

Anne Titus Bostwick, Columbus; B.A. (Hunter College); *Education*

Timothy Lee Bosworth, Columbus; B.A. (Cedarville College); *Education*

Constance N. Brody, Mansfield; B.S.; *Education*

Theodore Lee Brunell, Kingsville; B.S.Ed. (Kent State University); *Education*

Donna Marie Carretto, Springfield; B.A. (Ohio Dominican College); *Music*

Thelma Bondurant Catron, Columbus; B.A. Ed. (West Virginia State College); M.S.W.; *Public Administration*

Philip W. Coit, Columbus; B.A. (University of Massachusetts); *Photography and Cinema*

Melva Joan Smith Colegrove, Columbus; B.S.Ed.; *Education*

Joyce Ann Coleman, Greensburg, Pa.; B.S. (Clarion State College); *Communication*

Cheryl M. Cummins, Mansfield; B.A. (Wittenberg University); *Education*

Edward E. Davis, Minford; B.S.Ed. (Ohio University); *Education*

John Allard Dearing, Jr., Thornville; B.S.Ed.; *Education*

Jan Holt Dearth, Groveport; B.S.Ed.; *Education*

Deborah Kay Denny, Cambridge; B.A. (Marietta College); *Education*

Arlene H. DeRienzo, Zanesville; B.S. (Southern Illinois University); *Psychology*

Pamela K. D'huyvetter, Sunbury; B.S.Ed., M.S.; *Public Administration*

Ellen Lynn Dietch, Columbus; B.S. (Ohio University); *Communication*

William Edward Estell, Columbus; B.S.Ed. (Ohio University); *Education*

David J. Evans, Gahanna; B.A. (Otterbein College); *Education*

Karen Fulker Eye, Columbus; B.A.; *Public Administration*

F. Jane E. Faelchle, Columbus; B.S.Ed.; *Education*

Carol A. Folkerth, Columbus; B.A.; *History*

Robert W. Forsblom, Columbus; B.A. (Oberlin College); *Public Administration*

Christopher R. Gabel, Parkersburg, Pa.; B.A. (Pennsylvania State University); *History*

- Eduard Gliha-Vidmar, Cleveland;
B.A. (Borromeo College of Ohio);
Philosophy
- Rosetta L. Gooden, Mattapan, Mass.;
B.A. (West Virginia State College
Institute); *Education*
- Michael D. Gordon, Columbus;
B.S.Ed.; *Education*
- Sally Werner Gross, Wapakoneta;
B.S.H.E.; *Education*
- Sally Wolfendale Hannahs, Granville;
B.S.Ed.; *Education*
- Anthony B. Harris, Philadelphia, Pa.;
B.S. (University of South Carolina);
Physical Education
- Karen Lois Haswell, Louisville, Ky.;
B.S. (Centre College of Kentucky);
Psychology
- Stephen C. Heinrichs, Greenville;
B.S.Ed.; *Physical Education*
- Gwendolyn Harris Herrell, Columbus;
B.S.Ed.; *Education*
- Martha Lynne Hill, Worthington;
Cert. Grad. Dent. Hyg., B.S.Ed.; *Education*
- John Joseph Hoffman, Columbus;
B.S.Ed.; *Education*
- Kenneth Alan Holstein, Springfield;
B.A. (Olivet Nazarene College); *Psychology*
- Irene C. Ihas, Summit, N. J.;
A.A. (Pasadena City College); B.A.Ed.
(University of Michigan); *Education*
- Paul G. Inhoff, Columbus;
B.A., M.A. (University of Maryland);
Journalism
- Elizabeth Infanger, Columbus;
B.A. (Albertus Magnus College);
Romance Languages and Literatures
- Lois Anthony Jannazo, Cleveland;
B.A. (John Carroll University);
Public Administration
- Jeanene Marie Johnson, Rayland;
B.S. (Carlow College); *Communication*
- David Alden Jones, Zanesville;
B.A. (Ohio University); *Psychology*
- Gregory Lynn Jones, Barnesville;
A.B. (West Liberty State College);
Education
- Marilyn Kampe, Columbus;
B.A.; *English*
- Carolyn Ritter Kellenberger, Gahanna;
B.S.Ed.; *Education*
- Michele Anne Kelley, Columbus;
B.A. (University of Akron); M.S.W.;
Public Administration
- Michael J. Kennedy, Bellefontaine;
B.S.Ed.; *Education*
- Shara Sokol Kernan, Birmingham, Ala.;
B.S. (University of Maryland); *Psychology*
- Gail Gelburd Kimler, Queens, N. Y.;
B.A. (Queens College); *History of Art*
- Gale F. Kinsley, Muskegon, Mich.;
B.S. (Michigan State University);
Education
- James R. Kinker, Jr., Waverly;
B.A. (Capital University);
Physical Education
- Elizabeth Case Kirk, Columbus;
B.S.Ed.; *Education*
- Joseph Stanislaus Koczaja, Depew, N. Y.;
B.A. (State University of New York College
at Buffalo); *Psychology*
- Tien-Ying Lee, Yang-Mei, Taiwan, R.O.C.;
B.Sc. (National Taiwan University);
Education
- Clare Dei Lewandoski, Columbus;
B.S.Ed.; *Education*
- Russell Arthur Lewis, Twinsburg;
B.A.; *Education*
- Pamela Suzanne Linehan, Columbus;
B.A. (Webster College); *Art Education*
- Linda Darnelle Lynch, Enfield, N. C.;
B.A. (North Carolina Central University);
English
- Maryanne Lynch, Clark, N. J.;
B.S. (Kean College of New Jersey);
Communication
- Mary Calsin Mahoney, Westerville;
B.A. (Ohio Dominican College); *Education*
- Joan G. Malarkey, Columbus;
B.A. (Pennsylvania State University);
Education
- Henry Andrew Martin, Columbus;
B.S.Ed.; *Education*
- James P. Mayes, New York, N. Y.;
A.B. (Princeton University); *Black Studies*
- Jean Hoover McLearn, Greenville;
B.S.Ed.; *Education*
- Jennifer C. Miles, Columbus;
B.A. (University of London, England);
Public Administration
- Michael Scott Miller, Toledo;
B.A.; *Romance Languages and Literatures*
- Norma Leigh Miller, Portsmouth;
B.A. (Ohio University);
Public Administration
- Suzanne E. Minnich, Columbus;
B.S.Ed.; *Education*
- Michele M. Montavon, Columbus;
B.A. (Miami University);
Public Administration
- Rod Moore, Dayton;
B.A. (Miami University); D.D.S.;
Education
- Michael M. Morris, Springfield;
A.B. (Cornell University); *German*
- Raymond J. Mussio, Columbus;
B.A.; *Public Administration*
- Nevalyn Fritzsche Nevil, Columbus;
B.A. (Otterbein College); *Education*
- Bonnie Korngold O'Brien, Berwick, Pa.;
B.S.Ed. (University of Nebraska);
Art Education
- Mary Jane O'Brien, Columbus;
B.A.; *Public Administration*
- Charles Francis O'Connell, Jr.,
Buffalo, N. Y.; B.A. (Canisius College);
History
- Beverly A. Orr, Columbus;
B.A.; *History of Art*
- Darlene Matsko Poirier, Worthington;
B.A.Ed. (William Paterson College);
Education
- Sharon Mitchell Pottebaum,
Champaign, Ill.; B.S.Ed.;
Health Education (Physical Education)
- Mark Ewart Priewe, Palo Alto, Calif.;
A.B. (Stanford University);
Political Science
- Marthenia M. Prior, Westerville;
B.S. (Phillips University); *Education*
- Bruce Hollis Randolph, Evanston, Ill.;
B.A. (University of Miami); *Journalism*
- Joseph Robert Rice, Mansfield;
B.S.Ed.; *Education*
- Gloria Ellen Richards, Toledo;
B.A.; *English*
- Carol Lee Ritz, Youngstown;
B.S.Ed. (Youngstown State University);
Education
- Travella Welch Roos, Worthington;
B.A. (Bethany College); *Education*
- Rosalyn E. Rosen, Lorain;
B.S.Soc.Wel.; *Education*
- Clifford Victor Sagendorf, Columbus;
B.A. (University of Vermont); *Education*
- Marcy Samuel, Philadelphia, Pa.;
B.A. (Temple University); *Education*
- Martin D. Saperstein, Livingston, N. J.;
B.A. (George Washington University);
Political Science
- Fredrick Jay Saul, Jr., Marion;
B.S.Ed.; *Education*
- Deborah Beth Schaffer, Fredonia, N. Y.;
B.A. (University of Rochester); *Linguistics*
- Lois Ann Sellers, Jeromesville;
B.A. (Lake Erie College); *Education*
- Nancy Jo Siclair, Galion;
B.S.Soc.Wel.; *Public Administration*
- Hishmat Hassan Sid-Ahmed,
Stillwater, Okla.; B.A. (Khartoum
University); *Black Studies*
- Judith Godwin Sinsel, Grafton, W. Va.;
A.B. (Fairmont State College); *Music*
- Rodney Kent Spain, Marysville;
B.A. (Urbana College); *Journalism*
- Jennifer H. Stewart, Zanesville;
B.A. (Muskingum College);
Romance Languages and Literatures
- Jeanne Staiger Sutton, Gettysburg, Pa.;
B.S.Nurs.; *Health Education (Physical
Education)*
- Margaret Ann Roels Talarico, Columbus;
B.A. (Catholic University of America);
Public Administration
- Aungeumal Tamavimok,
Bangkok, Thailand; B.S.Ed.
(Chulalongkorn University); *Education*
- Angelos Constantin Themos,
Athens, Greece; Grad.Crim.Law and Eng.
Leg. Term (Aristoteles University);
Grad.Soc. and Comp. Public Law
(University of Thessaloniki); *Sociology*
- Supansiri Trachukul, Bangkok, Thailand;
B.Ed. (Chulalongkorn University);
Education
- Gwendolyn Renfrew Tracy, Lexington;
B.S.Ed.; *Education*
- Christine L. Tropeck, New Lexington;
B.S.Ed. (Ohio University); *Education*
- Kathy L. Tschofen, Westerville;
B.S.Ed.; *Education*
- Franklyn Emerson Tyler, Columbus;
B.A., M.S.W.; *Public Administration*
- Alexander Vostok, Yonkers, N. Y.;
B.A. (Saint Louis University);
Slavic Languages and Literatures

Barbara Gesell Walters, Grundy Center, Ia.;
B.A. (Boston University);
Public Administration

Christopher F. Wanner, Columbus;
B.S.Ed.; *Education*

Neal R. Warling, Casstown;
B.A.; *Public Administration*

Enid J. Weaver, Columbus;
B.A. (Roosevelt University); *Education*

Susan Joan Westphal, Amesbury, Mass.;
B.A. (University of Massachusetts);
Education

Maria Rosa Olivera de Williams,
Montevideo, Uruguay; B.A. (University of
Toledo); *Romance Languages and
Literatures*

Austin Wilson, Columbus;
B.S.Soc.Wel.; *Education*

William Allen Zornes, Newark;
B.Mus.Ed.; *Education*

Master of Business Administration

Thirty-four candidates

David George Ahnmark, Lima;
A.B. (Miami University);
Business Administration

David E. Bechtol, Coshocton;
B.S.Bus.Adm.; *Business Administration*

Paula M. Bowen, Beaulville, N. C.;
B.S. (North Carolina A. and T. State
University); *Business Administration*

David Lee Brown, Independence, Mo.;
B.S. (University of Missouri); M.S., Ph.D.;
Business Administration

Bruce A. Burrey, Columbus;
B.S.Bus.Adm.; *Business Administration*

George Dean Egon, Chicago, Ill.;
B.S.Bus.Adm. (University of Illinois);
Business Administration

William E. Fallon, Kenmore, N. Y.;
B.S.B.A. (University of Notre Dame);
Business Administration

Randy George Farrar, Broadview Heights;
B.A.; *Business Administration*

John Patrick Gamble, Canton;
B.S.Bus.Adm.; *Business Administration*

Robert Perkins Gordon, Cleveland;
B.A. (Ohio Wesleyan University);
Business Administration

Anurakumara Dias Senarath Gunasekera,
Colombo, Sri Lanka;
Business Administration

Nicholas R. Havill, New Carlisle;
B.S.W.E.; *Business Administration*

John M. Jermier, Columbus;
B.S. (University of Wisconsin); M.A.;
Business Administration

Carlton Don Johnson, Jr., Lancaster;
B.S. (Kent State University); M.A.
(University of Illinois); *Business
Administration*

Jaqueline Gladys Keillor,
Kingston, Ont., Canada; B.A., Diploma Ed.
(University of Western Ontario);
Business Administration

David John Kennedy, Olmsted Falls;
B.S.Nat.Res.; *Business Administration*

Samuel Jay Kletter, Hallandale, Fla.;
B.A.; *Business Administration*

David H. Linnenkohl, Dayton;
B.A. (Kenyon College); M.S.;
Business Administration

A. David Maggiore, Canton;
B.S.B.A. (University of Akron);
Business Administration

Dennis Lee McCloskey, Westerville;
B.S.Bus.Adm.; *Business Administration*

Michael D. McGrane, Toledo;
B.S.Bus.Adm.; *Business Administration*

Gerald G. Newborg, Columbus;
B.A. (Concordia College); M.A.
(University of North Dakota); *Business
Administration*

David Scott Owens, Brecksville;
B.S.Bus.Adm.; *Business Administration*

John George Packo, III, Toledo;
B.A. (University of Notre Dame);
Business Administration

James William Payne, Galena;
B.S.Bus.Adm.; *Business Administration*

Michael Lee Rogers, Carbondale, Ill.;
B.S. (University of Illinois);
Business Administration

Wayne Carl Schultz, Cincinnati;
B.A. (University of Cincinnati);
Business Administration

Willie Mason Swoope, Decatur, Ala.;
B.S. (Fisk University);
Business Administration

Raymond Dale Tallman, II, Columbus;
B.S.M.E.; *Business Administration*

Harsh Vardhan, New Delhi, India;
B.S., M.A. (Northern Michigan
University); *Business Administration*

Paul Widman, University Heights;
B.S.B.A. (Ohio University);
Business Administration

Joel William Wilson, Columbus;
B.A. (Bowling Green State University);
Business Administration

David A. Withey, South Bend, Ind.;
B.S. (Furde University);
Business Administration

George Michael Zelein, Hebron;
B.I.E.; *Business Administration*

Master of City and Regional Planning

Five candidates

Subrata Basu, Calcutta, India;
B.Arch. (Indian Institute of Technology);
M.Arch.; *City and Regional Planning*

Martha N. Brown, Normal, Ill.;
B.A. (Elmhurst College);
City and Regional Planning

David J. Fekete, Martins Ferry;
B.S.Ed. (Ohio University);
City and Regional Planning

Milagros Neuman Gonzalez,
Maracaibo, Venezuela; B.S.Ed.
(Universidad del Zulia); M.A.;
City and Regional Planning

Robert W. Stokes, Springfield;
B.A. (Antioch College); M.S.;
City and Regional Planning

Master of Fine Arts

One candidate

Mark Drobnis, Jamaica Plain, Mass.;
B.F.A. (Massachusetts College of Art);
Art

Master of Music

One candidate

Paula D. Harrell, Durham, N. C.;
B.A. (North Carolina Central University);
Music

Master of Public Administration

One candidate

Timothy D. Steiner, Nankin;
B.A. (Western Kentucky University);
Public Administration

Master of Science

One hundred and fifty-three candidates

¹Christopher J. Anderson, Maumee
*Agricultural Economics and
Rural Sociology*

Bruce D. Barnett, Akron;
B.A. (Washington University); *Zoology*

Mary Kathrine Bell, East Palestine;
B.S.N. (University of Maryland); *Nursing*

John A. Bellono, Jeannette, Pa.;
B.S. (University of Dayton);
Computer and Information Science

Mary Frances H. Nemmers Beno,
Wauwatosa, Wis.; B.S. (Marquette
University); *Chemistry*

Brian Robert Bimonte, Miami, Fla.;
B.S. (University of Dayton); *Mathematics*

Rebecca Jean Brandau, Amherst;
B.S.Agr.; *Animal Science*

Larry Lee Bratton, Athens;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*

John L. Brooks, Bethesda, Md.;
B.A. (Case Western Reserve University);
M.S.; *Computer and Information Science*

Rocky Douglas Calcote, Columbus;
B.S. (University of California at Davis);
Dairy Science

Eugenia Elaine Calle, Akron;
B.S.All'd.Hlth.Prof.; *Preventive Medicine*

Dorit Ayalon Chass, Haifa, Israel;
B.Sc. (University of the Negev); *Chemistry*

Alan Clifford Clark, Knoxville, Tenn.;
B.S., B.A. (University of Tennessee);
Civil Engineering

Randall Talbott Clark, Xenia;
B.S. (Purdue University);
Electrical Engineering

Mordehy Cohen, Bnei Brak, Israel;
B.S.M.E.; *Mechanical Engineering*

Helen Marguerite Cox, New Carlisle;
B.S.M.E.; *Mechanical Engineering*

¹ Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics

- Kathryn June Cox, Waverly;
B.S.H.E.; *Home Economics*
- Agobi Nicholas Damachi,
Cross-River State, Nigeria; B.S.I.S.E.;
Industrial and Systems Engineering
- Palash Das, Poona, India;
B.Sc. (University of Poona); *Physics*
- William Chester Davenport, Jr.,
New Orleans, La.; B.S. (University of
New Orleans); *Computer and
Information Science*
- Johanna Davis, Baton Rouge, La.;
B.S. (Louisiana State University and
A. & M. College); *Computer and
Information Science*
- Surinder Kaur Dhillon, Chandigarh, India;
B.Pharm. (Panjab University); *Pharmacy*
- Gregory Scott Dillon, Columbus;
B.S.C.I.S.; *Computer and
Information Science*
- Carol E. Dixon, Yellow Springs;
B.S.Nur. (Wright State University);
Nursing
- Frank Aird Dorrance, Morrisonville, N. Y.;
B.S. (State University of New York
College at Plattsburgh); *Computer and
Information Science*
- Kathleen Marie Drew, Buffalo, N. Y.;
B.S. (State University of New York College
at Buffalo); *Allied Medical Professions*
- Kathryn Louise Duzan, Canton;
B.S. (Kent State University);
Allied Medical Professions
- Lawrence Eugene Eubanks,
West Alexandria; B.S.Agr.;
Agricultural Education
- Douglas Roy Everhart, Columbus;
B.A. (Oberlin College); *Geodetic Science*
- Mark Stephan Ewing, Zanesville;
B.S. (United States Air Force Academy);
Mechanical Engineering
- Dirk Eybl, Mannheim, West Germany;
Diploma (University of Mannheim);
Industrial and Systems Engineering
- John Vernon Fark, Marion;
B.S.Agr.; *Agricultural Education*
- Joseph Tony Figueroa, Chicago, Ill.;
B.S. (University of Illinois); *Mathematics*
- Mary Joan Fontana, Dayton;
B.S. (Wright State University);
Computer and Information Science
- Rochelle Kline Franks, Wooster;
B.A. (College of Wooster); *Plant Pathology*
- Krisna Colette Furrow, Columbus;
B.S. (Purdue University);
Home Economics
- Frank Arthur Gasperini, Jr., Blaine;
B.S.Agr.; *Agronomy*
- Constance J. Geiger, Pittsburgh, Pa.;
B.S.H.E. (University of North Carolina);
Allied Medical Professions
- LaVerne W. Gillis, Newport News, Va.;
B.S. (Hampton Institute); *Horticulture*
- Stuart Lee Greenberger, New York, N. Y.;
B.S.Agr.; *Plant Pathology*
- Lisa Ellen Grose, Columbus;
B.S.H.E.; *Home Economics*
- Austin Kent Hagan, Levittown, Pa.;
B.S. (Indiana University of Pennsylvania);
Plant Pathology
- Abdul Wahid Haji Idris, Kuala, Malaysia;
Diploma Surv. (University of Otago, New
Zealand); *Geodetic Science*
- Beverly Ruth Haley, Hamlet, Ind.;
B.S.Nurs.; *Nursing*
- Susan Kay Hambleton, Canton;
B.S.; *Natural Resources*
- George Blair Hankins, Jr., Timonium, Md.;
B.S. (University of Maryland);
Mathematics
- Dennis Merle Hann, McConnellsville;
Agricultural Education
- John Hannah, Hokitika, New Zealand;
B.S., Diploma (University of Otago);
Geodetic Science
- Benjamin Hansburg, Uniontown;
B.S. (Case Western Reserve University);
Mathematics
- Nancy L. Hansen, Dublin;
B.S.Nurs. (University of Wisconsin);
Nursing
- Stephen Eric Hewitt, Mt. Vernon;
B.S.Ed. (Miami University);
Computer and Information Science
- Margaret Burdeene Hill, Dryden, N. Y.;
B.A. (State University of New York
College at Cortland); *Chemistry*
- Jo Ann Whaley Howell, Troy;
B.S.H.E.; *Home Economics*
- Cynthia Poming Hui, New York, N. Y.;
B.A. (Hunter College);
Computer and Information Science
- Charlotte M. Hyatt, Westerville;
B.S.H.E.; *Home Economics*
- Kenneth W. Imboden, Worthington;
B.S. (Purdue University);
Computer and Information Science
- Omar Bin Ismail, Malacca, Malaysia;
B.S. (Louisiana State University);
Agricultural Economics and Rural Sociology
- Dharmalingam Jeyanandan,
Karavaddy, Sri Lanka; B.S. (University of
Sri Lanka); *Geodetic Science*
- Huey-Jen Jiang, Panchiso, Taiwan, R.O.C.;
B.Eng. (Tamkang College of Arts and
Sciences); *Natural Resources*
- Dolway W. Johnston,
Balinderry, North Ireland; B.A.
(University College at North Wales);
Agricultural Economics and Rural Sociology
- Michael D. Kane, Lorain;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*
- Mannisk Kang, Columbus;
B.S. (Seoul National University);
M.S. (University of Cincinnati);
Chemical Engineering
- Barbara Lynn Karas, Columbus;
B.S.All'd.Hlth.Prof.; *Allied Medical
Professions*
- Richard T. Kennedy, Des Moines, Wash.;
B.A., B.S. (University of Washington);
Geodetic Science
- Joyce Ann Killen, Columbus Grove;
B.S.All'd.Hlth.Prof.; *Pathology*
- Alycia Morgan King, Atlanta, Ga.;
B.S. (University of Tennessee);
Home Economics
- Richard Shawming King,
Taipei, Taiwan, R.O.C.; B.S. (National
Chung Hsing University); *Chemistry*
- Linda House Knebel, Columbus;
Home Economics
- Mark James Koenig, Worthington;
B.S.M.E.; *Mechanical Engineering*
- Hamadi Amadou Lam, Boghe, Mauritania;
B.S.Agr. (California Polytechnic State
University); *Agronomy*
- Eleanor Ann Laneve, Wintersville;
B.A. (West Liberty State College);
Home Economics
- Cheng-Mau Lee, Taipei, Taiwan, R.O.C.;
B.S. (National Taiwan University);
Agricultural Economics and Rural Sociology
- Melody Claire Lee, Orlando, Fla.;
B.S.C.I.S. (Florida Technical University);
Computer and Information Science
- Pradeep S. Limaye, Bhopal, India;
B.S. (Nagpur University); M.S. (Indian
Institute of Technology); *Physics*
- Nancy Li-O Lin, Taipei, Taiwan, R.O.C.;
B.A. (National Taiwan University);
Agricultural Economics and Rural Sociology
- Fredrick W. Lipp, North Canton;
B.G.S. (Ohio University); *Physiology*
- Charles Leroy Little, Logan;
B.A.; *Developmental Biology*
- Lynne Hofelich Liu, Columbus;
B.S.All'd.Hlth.Prof.; *Microbiology*
- Nigel S. Lockyer, Toronto, Ont., Canada;
B.Sc. (York University); *Physics*
- Susan Ruth Long, Brecksville;
B.S. (Grove City College);
Natural Resources
- Rajendra Prakash Malla,
Kathmandu, Nepal;
B.Sc. (Tribhuvan University, Nepal);
B.Sc. (London Polytechnic, England);
Geodetic Science
- Patrick Joseph Malloy, Toledo;
B.S. (University of Toledo); M.S.;
Computer and Information Science
- Jeffery C. Martin, Columbus;
B.S.M.E.; *Mechanical Engineering*
- William H. Mast, Tiffin;
B.S. (South Dakota State University);
Animal Science
- Arthur Edward McAlister, Jr.,
Liberty, S. C.; B.S.W.E. (LeTourneau
College); *Welding Engineering*
- John Roy McClure, Convoys;
B.S.Agr.E.; *Agricultural Engineering*
- Thomas F. McGuffin, Clinton, N. Y.;
B.S.E.E. (Michigan State University);
Electrical Engineering
- David Graham McKellar,
North Bay, Ont., Canada; B.Tech. (Ryerson
Polytechnical Institute); *Geodetic Science*
- Marvin Grendel McKimpon, Oelwein, Ia.;
B.S. (Iowa State University);
Metallurgical Engineering
- Gregory Alan Miller, North Canton;
Horticulture
- David E. Millhorn, Chattanooga, Tenn.;
B.S. (University of Chattanooga); M.A.T.
(Emory University); *Physiology*

¹ Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics
² Also Bachelor of Science in Home Economics,
College of Agriculture and Home Economics

Evan Douglas Millikin, Arcanum;
B.M.E. (General Motors Institute); M.S.;
Computer and Information Science

Branko P. Miteviski, Columbus;
B.Ch.E. (University of Belgrade);
Chemical Engineering

Ronald R. Moutvic, Columbus;
B.S. (University of Illinois); *Veterinary
Physiology and Pharmacology*

Dean Mouzakiotis, Athens, Greece;
B.S. (Northwestern University);
Computer and Information Science

James Bernard Murray, Dayton;
B.S. (University of Dayton);
Computer and Information Science

Vasant U. Nayak, Maharashtra, India;
B.Sc., M.Sc. (University of Bombay);
Physics

Douglas Karl Nims, Troy;
B.S.C.E.; *Civil Engineering*

Edward K. Norvaisis, Dayton;
B.S.M.E. (Case Western Reserve
University); *Mechanical Engineering*

Michael Warren Olds, Frankfurt, Ky.;
B.S. (Murray State University);
Geology and Mineralogy

John Clifford Ostgaard, Dayton;
B.S.E.E.; *Electrical Engineering*

Michael Paul Papai, Columbus;
Agricultural Economics and Rural Sociology

Stavros J. Papanicolaou, Athens, Greece;
D.D.S., M.D. (University of Athens);
Pathology

Robert Pishko, Marietta;
B.S.Ch.E. (University of Notre Dame);
Metallurgical Engineering

Thomas William Pulfer, Brookville;
B.S.Agr.; *Agricultural Education*

Beth Elaine Radcliff, Columbus;
B.S. (Bowling Green State University);
Home Economics

Mohammad Dawod Rajab, Kuwait, Kuwait;
B.S.E. (EE), B.S.E. (M.E.) (University of
Michigan); *Mechanical Engineering*

Marcia Jane Provens Rausch, Columbus;
B.S.Cer.E.; *Nuclear Engineering*

Mark Stanley Rea, Avon Lake;
B.A., M.A.; *Biophysics*

Matthew Joseph Rini, Brooklyn, N. Y.;
B.A. (Queens College); *Home Economics*

Patricia J. Rivers, Humble, Tex.;
B.A. (University of California at
Riverside); *Chemistry*

Alan Frank Rozich, Philadelphia, Pa.;
B.S.C.E.; *Civil Engineering*

Vichai Ruangsawadi, Lampang, Thailand;
B.Eng. (Kaensart University);
Civil Engineering

Susan Clyde Rudinsky, Ironton;
B.S.All'd.Hlth.Prof.; *Allied Medical
Professions*

Ravindra Rungta, Calcutta, India;
B.E. (Birla Institute of Technology);
Metallurgical Engineering

Manjey Venugopala Sastry,
New Delhi, India; B.E. (Andhra
University); *Civil Engineering*

Lisa Grace Schiavoni, Youngstown;
B.S.Ed. (Miami University);
Home Economics

Lisa L. Schroeder, Salem, N. Y.;
B.S. (State University of New York
College at Oswego); *Zoology*

James W. Shaw, Wichita, Kan.;
B.S. (Wichita State University);
Mathematics

Hui-Hua Shieh, Tainan, Taiwan, R.O.C.;
B.S. (National Tsing-Hua University);
Chemistry

Nicholas Thomas Simon, Sr., Lakewood;
B.S.; M.S. (West Virginia University);
Food Science and Nutrition

Lawrence W. Snee, Rochester, N. Y.;
B.S. (Florida State University);
Geology and Mineralogy

Peter Glenn Snow, Berea;
B.S. (Miami University); *Horticulture*

Rebecca Soisson, Butler, Pa.;
B.S. (Indiana University of Pennsylvania);
Home Economics

Christine Marie Spann, Independence;
B.S. (Florida State University); *Zoology*

Larry Daniel Sprague, Strongsville;
B.A. (College of Wooster); *Agricultural
Economics and Rural Sociology*

Peggy Hartz Steiner, Worthington;
B.S.H.E.Ed. (University of Washington);
Food Science and Nutrition

Sharon Stevenson, Columbus;
D.V.M.; *Veterinary Pathobiology*

David G. Struble, Cleveland;
B.S. (University of Dayton); *Computer
and Information Science*

Michael R. Taaffe, Columbus;
B.A. (Ohio Dominican College);
Industrial and Systems Engineering

Timothy W. Tillson, Akron;
A.B. (Brown University); M.S.;
Computer and Information Science

Joseph Steven Torok, Oberlin;
B.S. (University of Akron); *Mathematics*

Lanette Snyder Torres, Worthington;
B.A. (Adrian College); *Home Economics*

Arlene L. Tyler, Columbus;
B.A. (Baldwin-Wallace College);
Allied Medical Professions

Mary Kathryn Van Gundy, Lancaster;
B.S., Cert.Post.Bacc.Med.Tech.;
Allied Medical Professions

Margaret A. Walas Venglarcik, Columbus;
B.S. (Western Illinois University);
Geodetic Science

Jung-Yuan Grace Wang,
Taipei, Taiwan, R.O.C.; B.S. (National
Chung-Hsing University); *Plant Pathology*

Pei Eng Wang, Mentor;
B.S.All'd.Hlth.Prof.; *Home Economics*

Vickie Ann Wanner, Fairview Park;
B.A. (Otterbein College); *Home Economics*

Sharon Groh Wargo, Cincinnati;
B.S. (University of Dayton);
Allied Medical Professions

Joseph C. Warlow, Camp Hill, Pa.;
B.A. (Millersville State College);
Geology and Mineralogy

Eileene James Welker, Dover;
B.S. (Bowling Green State University);
Home Economics

Robert Thomas Werber, Mayfield Village;
B.S.E. (University of Michigan);
Metallurgical Engineering

John J. Whalen, Columbus;
B.S. (University of Arizona); M.S.;
Mechanical Engineering

Charles C. Whistler, III, Dayton;
B.S.; *Biophysics*

Timothy F. White, Columbus;
A.B. (Stanford University); *Entomology*

Jill Rae Willis, Urbana, Ill.;
B.S. (University of Illinois);
Natural Resources

David William Wise, Newark;
B.S.E.E.; *Electrical Engineering*

Andrew J. Woldar, Flushing, N. Y.;
B.S. (City College); *Mathematics*

Susan Kathryn Wolff, Bellefontaine;
B.S.H.E.; *Home Economics*

James Jordan Wolford, Middletown;
B.S. (Miami University);
Electrical Engineering

Howard Eugene Wright, Columbus;
B.S.Nat.Res.; *Natural Resources*

Katherine Louise Young, Hampton, Va.;
B.S. (Virginia Polytechnic Institute);
Allied Medical Professions

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Colin B. B. Bull

Vice Provost for the Arts and Sciences:
Thomas A. Willke

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Twelve candidates

Paul Edward Bohman, Dayton
John Michael Bolovan, Mentor
Maurice J. Carnes, Columbus
Crawford Craft, Columbus
Nina Elizabeth Gernhart, Reynoldsburg
Kevin Arthur Lamb, Columbus

Also Bachelor of Science in Agriculture, College of
Agriculture and Home Economics

Mary Ann Minor, Columbus
 Patricia Kathleen Ryan, Columbus
 Mark Alan Seurci, Mansfield
 Jeffrey Norman Shank, Columbus
 Cara Lee Thouvenin, Canton
 Sheila Stover Vent, Columbus

Bachelor of Fine Arts

Thirteen candidates

Lisa Ann Ault, Urbana
 Mary Katherine Bolzenius, Columbus
 Linda Herritt, Westerville
 Amy Foltz Hoover, Westerville
 Sandra Ann Immel, Columbus
 Freddie Jesus Jorge, Columbus
 Jennifer Ellen Lower, Hilliard
 Dawn Diane Puglisi, Ashland
 Marcia A. Trees, Columbus
 Anne C. VanPaeppeghe, Columbus
 Susan Barbara Wittmer, Mansfield
 Mei Wu, Worthington
 Trina Kessler Zoog, Columbus

Bachelor of Music

Three candidates

Gordon Ray Nicely, Columbus
 B.Mus.Ed.
 Leah Marie Petitti, Canton
 Ann Baumgartner Schnapp, Columbus

Bachelor of Art Education¹

Eight candidates

Sue Ann Battocletti, Winterville
 George H. Beaver, Bellefontaine
 Judi Burton, Marion
 Verdella Lorene Church, Jr., Westerville
 Shelly Ann Hellwege, Columbus
 Holly Rhea Kahle, Delta
 Jana Jo Showalter, Elida
 Barbara Ellen Ward, Lima

Bachelor of Music Education¹

Ten candidates

Jane Ann Bailey, Clinton
 Susan Lorraine Chess, Pittsburgh, Pa.
 Sue Elaine Snyder Eberhardt, Columbus
 Ronald Wilbur Finks, Columbus
 Daniel Goodrum, Cleveland
 Deborah Grace Harsh, Columbus
 James Joseph Husak, Parma
 Thomas Lee Johnson, Columbus
 Robert Cleland Rumberger, Jr., Columbus
 Virginia Jean Voorhis, Westerville

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Four candidates

Bruce Edward Molitor, Payne
 Joseph Edwin Rhoads, Waverly
 Douglas Sanford Smith, Columbus
 Steven Ross Williams, Columbus

Bachelor of Science

Fifty-six candidates

Thomas Joseph Anthony, Jr., Columbus
 Norman Keith Barbone, Mansfield
 Michele Laura Beach, Kirkwood, Mo.
 Mark Steven Bello, Columbus
 Ivan Botica, Columbus
 Leslie Anne Brookfield, Toledo
 Paul Allen Calovini, Lafferty
 James Kendall Carter, Jr., Marion
 Laura M. Chance, Jackson
 Jennette Chatlain, Mansfield
 Bruce Alan Colvin, Melrose, Mass.
 William Charles Davis, Cincinnati
 Charles J. Democko, Columbus
 Michael Anagiros Stanley Frangopoulos, Campbell
 Mary Jane Gabel, Dublin
 Maxine Beth Gilgoff, Columbus
 James M. Halloran, Lakewood
 Larry R. Hromalik, Columbus
 Edward Timothy Jachym, Columbus
 Debra L. Jacobs, Chagrin Falls
 David Lawrence Jones, Lucasville
 David Blaine Joyce, Berea
 Marc E. Kanter, Cincinnati
 Elliott Korsen, Cherry Hill, N. J.
 Diane Joan Kostka, Wooster
 Thomas James Lambert, Cincinnati
 Paul Levitas, Cincinnati
 Paul C. Levy, Columbus
 Phillip Allen Li, Sidney
 Jane Marie Majercak, Columbus
 Gwynette L. Marschall, Westerville
 Kim Evelyn Martin, Columbus
 Thomas J. Masaryk, Wadsworth
 Sheri McClarren, Grove City
 Cheryl Ann McLeod, Mentor
 Alan James Miller, Westerville
 David Robert Neiger, Parma
 Gerrilyn Kay Nelson, Reynoldsburg
 Linda Kay Parker, Toledo
 Nicholas S. Petrosky, Wadsworth
 Richard Daniel Price, Greenhills
 Kevin Patrick Redmond, Columbus
 Beth Elaine Richardson, Bellefontaine
 Stephen Alan Sims, Dayton
 Tavia Lynn Smith, Crestline
 Kevin B. Soher, Stowe
 Ellen T. Stanford, Columbus
 Young Tao, Bedford Heights
 Michael Lloyd Tedrick, Columbus
 Karen Trinkle, Cincinnati
 Patricia Ann Tucker, Alliance
 John S. Urse, Columbus
 Carol Lynn Vorres, Western Springs, Ill.
 William John Waddell, Columbus
 Wayne Frank Wargo, Elyria
 Gary L. Yackey, Dover

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

Thirty-three candidates

Terry L. Barnhill, Columbus
 Sarah Hubard Beauchamp, Columbus
 Jon A. Brindle, Westerville
 Jeffrey Edward Raffle Claes, Lancaster
 Peter H. Connell, Cincinnati
 John J. Crawfis, Toledo
 Mary Frances Dennis, Grove City
 Timothy Edward Dyson, Mansfield
 Sue A. Engle, Columbus
 Marilyn Anne Gaertner, Columbus
 James E. Guy, II, Columbus
 Robert Obbra Harris, Columbus
 David Michael Henry, Bellefontaine
 Jennifer Ann Hill, Marion
 Theresa Hirselt, Columbus
 Charles Robert Iden, Columbus
 Mariann Mari Jones, Pemberville
 Leora Ann Jump, Willard
 Johanka M. Klaban, Cincinnati
 Thomas G. Klein, Columbus
 Gladys O. Krider, Marion
 Doris Ann Miller, Columbus
 Cynthia Mary Parr, Canton
 Kevin Pownall, Toledo
 Paul David Price, Marion
 Robert P. Ree, Granville
 George Anthony Rosso, Jr., Columbus
 Allan Jay Silverman, Columbus
 Timothy Albert Stridsberg, Columbus
 Julie L. Wagar, Kent
 Steven Richard Watts, Sylvania
 Alma Darleen Wilder, Columbus
 Everett Lincoln Wolfe, III, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Three candidates

Patrick William McMullen, Bellefontaine
 Barbara Lynne Negris, Lorain
 John Jay Stanislaw, Englewood

Bachelor of Science

Twenty-one candidates

Eric William Burkhart, Fairborn
 Tod Thomas Conrad, Circleville
 Barry E. Dilgard, Ashland
 Paul M. Driscoll, Columbus
 Gail Dunipace, Bowling Green
 Mitchell David Dysart, Columbus

¹ Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education
² Also Bachelor of Arts, Colleges of the Arts and Sciences

William Allen Henson, Columbus
 Susan Lynn Humphrey, Centerville
 Bruce Michael Keene, Cleveland Heights
 Kevin Lee Konkler, Grove City
 Charles William Mallory, Conneaut
 Robert C. McAfee, Pittsburgh, Pa.
 Melanie Jean Poon, Cincinnati
 Marvin Dexter Ratliff, Germantown
 Jack Bradley Searle, Marietta
 Haili Alek Seker, Columbus
 Joseph Thomas Spencley, Jr., Toledo
 Philip D. Stanton, Chillicothe
 William Edward Welch, Columbus
 Cindy Jo Wildman, Amherst
 Terrie Winnett, Worthington

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and twenty-one candidates

Esther Aduke Fagbemi Ayeni, Iko-Ekiti, Nigeria
 Elise Marie Ayers, Colina
 Florette Cecelie Baldwin, Columbus, Ga.
 Michael C. Barra, Huntsville
 Stephen E. Bash, Lancaster
 Teresa C. Bembek, Panama Canal
 Bobby L. Benton, Ashtabula
 Richard Aaron Bishop, Columbus
 David Paul Blom, Columbus
 Karla S. Boerner, Pleasantville
 Gus Karl Bowman, III, Columbus
 John Dayman Braddon, Annandale, Va.
 Eric Stephen Broughton, Sandusky
 Karen Ellen Bruggeman, Marion
 Robert Scott Bugie, Bay Village
 Claire S. Chenault, Columbus
 Kathy L. Clark, Columbus
 Timothy Lang Coffman, Columbus
 Charles Michael Conn, Heath
 Mark James Conrad, Columbus
 William J. Coyle, Westlake
 Denise Louise Coyner, Cleveland
 Pamela S. Craig, Mansfield
 Wilbur David Crosley, III, Marion
 Deborah J. Daniel, Columbus
 Linda Marie Day, Virginia Beach, Va.
 Mark DeBellis, Columbus
 Dixie Young DeLorme, Columbus
 B.F.A.
 'Sue Elaine Snyder Eberhardt, Columbus
 Jeffrey William Eisinger, Charleston, W. Va.
 David Benton Ellis, Washington C. H.
 William M. Fink, Vireyehoga Falls
 James E. Fossacca, Columbus
 William C. Fulcher, Jr., Columbus
 Susan Lynne Gallup, Columbus
 Jeffrey W. Gardner, Cambridge
 Debra Fay Garrison, Columbus
 Scott Allen Gepford, New Concord
 Joseph Germanos, Cambridge
 James Andrew Ghansah, Columbus
 Matthew Peter Grealis, Beres
 Bruce Jay Gurwin, Columbus
 Robert C. Hackett, Jr., Cincinnati
 Christopher Hale, Columbus
 Rebecca Taylor Hall, Columbus
 Robert Matthew Hamilton, Columbus
 Michael L. Hardin, Columbus
 Timothy I. Hayes, Gahanna
 'Philip James Heilman, Defiance
 Beth Heironimus, Columbus
 Mark Gregory Henley, Gahanna

Laurie Dainty Hiteman, Columbus
 Barry Neil Huddleston, Eaton Rapids, Mich.
 Robert W. Indian, Columbus
 Carol Jonas, Bay Village
 Andrew Perry Jones, Columbus
 Keith David Kalette, Syracuse, N. Y.
 Shelly Meryl Lynn Michelle Keays, Middletown
 Robert A. Knapp, Columbus
 Philip Kornfeld, Maplewood, N. J.
 Margaret A. Leffer, Columbus
 Debra Jean Leipman, Bay Village
 Rhonda S. Lloyd, Bellaire
 Thomas Eric Lodge, Columbus
 Susan Diane Lord, Galena
 Daniel Roy Lozier, East Sparta
 Jeffrey Dale Mackey, Groveport
 Craig Stuart McAllester, Fairview Park
 Thomas John McCrone, Cleveland
 Gary Leigh Melampy, Middletown
 Jerome A. Milano, Lakewood
 Doreen Frances Mitchum, Columbus
 John Edward Moodie, Marion
 Victoria Lee Morris, Columbus
 Lisa Louise Morrissey, Greenwich, R. I.
 John Carlton Myers, Columbus
 Carolyn Ann Obert, Columbus
 Douglas T. Ogawa, Newark
 Michael Gerard Patrick O'Kane, Columbus
 Robert Joseph O'Neil, Columbus
 Shawn K. Owens, Steubenville
 Sheila Owsley, Dayton
 Alan Brandon Parker, Youngstown
 Lorie Catherine Parkhill, Fresno
 Mark Douglas Phillips, Upper Sandusky
 Terri Jo Porter, Columbus
 Philip Preston Pumphrey, Martinsburg
 Helen Cecile Roalef, Dayton
 John Theodore Rohrs, III, Defiance
 Alison Rose, Akron
 Stephen M. Russell, Columbus
 Michael James Schmidt, Columbus
 Michael P. Schorr, Lancaster
 Mary Skillman, Columbus
 Angie Sioupkides, Columbus
 Maria J. Sioupkides, Columbus
 Nancy Elaine Small, Columbus
 B.S.Ed. (Capital University); M.A.
 Kathleen Diane Smith, Kettering
 Karen Sue Stader, Dayton
 Sharon Kay Stewart, Piqua
 Dane Stinson, Clarksburg
 John Frederick Stock, Columbus
 Kim Elizabeth Swartz, Westerville
 William Lawrence Tenney, Columbus
 William Arthur Thompson, Columbus
 Barbara Kelly Tizzano, Delaware
 Jan Ellen Tremaine, Dayton
 Peggy Lynn Twohig, Fairview Park
 Francis J. Tyrol, Levittown, Pa.
 Barbara Jo Ullrich, Columbus
 Stuart Van Wagener, Chesterland
 Clennon E. Vasser, Canton
 Bettye Pfau Vicent, Columbus
 Rhonda L. Vrsansky, Columbus
 Cynthia Yvette Walker, Columbus
 John Henry Ward, Tiffin
 Susan A. Warner, Newark
 Pamela Kay Wenig, Canton
 Albert Richard Wheeler, Jr., Columbus
 Kenneth Lee Wolters, Sandusky
 Peter P. Yasko, Columbus

Bachelor of Science

Twenty candidates

Valerie Jean Bell, Columbus
 Cathy Ann Columbus, Scarsdale, N. Y.
 Danny Michael Compton, Kent
 Linda Delma, Columbus
 John Franklin Eagle, Miamiisburg
 Timothy James Evans, Columbus
 Jeffrey Alan Gill, Cincinnati
 Mary Jane Hawk, Chillicothe
 David Franklin Little, Hudson

Teresa Ann McIntyre, Bethesda, Md.
 John Andrew Mitchell, Columbus
 William Joseph Murray, Cleveland
 Annick Marie Parker, APO, N. Y.
 Margaret Sue Cherner Richardson, East Liberty
 Gary Joseph Kosner, Independence
 Anne Jane Schroder, Cincinnati
 Alan Paul Schwepe, St. Marys
 Patrick Joseph Sliva, Cadiz
 Robin Michael Stepanovich, Youngstown
 Penny L. Steivson, Columbus

Bachelor of Arts in Journalism

Seventeen candidates

Veronica Lynne Bowers, Lima
 Kathryn M. Buchanan, Elyria
 Toryn C. Connolly, Columbus
 Jan Ellen Dransfield, Portsmouth
 Gordon Elliott Flagg, Jr., Yellow Springs
 Frederick Douglass Gaskins, Mansfield
 Melinda Green, Sylvania
 Keith Lynn Helminger, Jackson Center
 Carol Wright Mullinax, Columbus
 David Michael Murray, Columbus
 Beverly Jean Nickles, Mansfield
 Rebecca F. Novak, Akron
 Paul R. Semall, Maple Heights
 Terence O'Connell Shannon, Cincinnati
 Renee Dorelan Smith, Cincinnati
 Jody Lynn Steinberg, Cincinnati
 Jay Parkins Wrostad, University Heights

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and fifty-six candidates

Thomas Michael Basista, Parma
 Deborah Ann Bender, Ashtabula
 Robert Mark Bibler, Lancaster
 Alan Todd Birmingham, Sandusky
 Cynthia Lee Brinker, Tequesta, Fla.
 Christine Terese Brown, Columbus
 Peter George Brown, Columbus
 Charles David Butler, Cincinnati
 Jeffrey Paul Campbell, Zanesville
 Michael Dean Cantlin, Heath
 Robert Paul Carrington, Columbus
 Brooke Adams Cheney, Shelby
 Vicky Ching-Lan Yiu Chow, Taipei Market, Hong Kong
 Melodee Jean Chupka, Columbus
 John M. Collins, V. Worthington
 Joan A. Connolly, Columbus
 Clarence Devon Cotterman, Columbus
 Robert Coull, Marion
 Ann Bullard Crane, Columbus
 Jeffrey Mead Daniels, Willoughby
 Sharyn Leigh Daum, Marion
 Thomas Joseph Deleandro, Jr., Eastlake
 John Joseph Diamond, Jr., Lorain
 Charles Rene Dimond, Wilton, Conn.
 Charles Leslie Dobkins, Gahanna
 Steven Henry Donahue, Columbus

¹ Also Bachelor of Music Education, College of Education
² Degree Awarded Posthumously

James Edward Donelson, Ashland
 James Earl Duff, Columbus
 Daniel Steven Dunleavy, Columbus
 Larry Stephen Ebert, Cardington
 William Janus Edwards, Cleveland
 Patrick Joseph Egan, Reynoldsburg
 Richard Allen Fedor, Coneaut
 Stewart Jay Finck, Cleveland
 Dennis Wayne Fogarty, Springfield
 Eric Hugh Foreman, Worthington
 Larry J. Fox, Columbus
 Joseph G. Friedman, Shaker Heights
 Wayne Bernard Fronczak, Columbus
 James Curtis Frye, Fredericktown
 Robert Mansfield Gabriel, Rocky River
 John Gioffre, Columbus
 Mark Stephen Gloger, Shaker Heights
 Jeffrey Randall Goare, Lima
 John Earl Golay, Cincinnati
 Mark Isaac Goldberg, Columbus
 John Curtis Gorman, Columbus
 Thomas Joseph Graham, Columbus
 Robert Alan Greenberger, Lyndhurst
 Jesse Leonard Gunn, Cleveland
 James Robert Hackbarth, Columbus
 Betsy Jean Haidle, Elida
 Marsha Joan Haigh, Columbus
 Bruce Alan Halcomb, Fairfield
 Theodore Gregory Hall, Avon Lake
 Michael William Hampton, Massillon
 Bruno N. Harris, Columbus
 Billy Joe Hebrock, Cambridge
 John Edward Henson, Chesaapeake
 Anita Louise Herring, Columbus
 James Lawrence Herron, Columbus
 Barbara Rae Hertiz, Cleveland
 James Jay Hill, Jr., Worthington
 Mary Lyons Holloway, Gahanna
 Edward Allen Holmen, Ellyria
 Daniel Thomas Houchins, Bellefontaine
 Thomas Edward Hutch, Jr., Youngstown
 Dale Alan Irwin, Lima
 Andrew Stephen Jados, Jr., Columbus
 Howard E. Jesko, Salem
 Jeffrey Lynn Johnson, Marion
 Randall Uel Justice, Ironton
 Barbara Ann Kaplan, Fairwood, N. J.
 Munir Jamil Khoury, Kuwait, Kuwait
 Denise Kidida, Columbus
 Roderick King, Columbus
 Jon Allyn Kingman, Pine Grove, Pa.
 Gernot W. Klein, Columbus
 Mark Alan Lampert, St. Clairsville
 Maceo R. Lewis, III, Columbus
 Michael John Lively, Columbus
 James N. Lloyd, McConnelville
 John Daniel Loeffert, Marion
 Patrick A. Long, Greenfield
 Thomas Edward Malinowski, Shelby
 Calvin Dean Martin, Marion
 Todd Alan Mason, West Alexandria
 Stephen Charles Massa, Mansfield
 Michael Albert Mastro, Columbus
 Michael Alan Mautz, Sandusky
 Barbara Ann Mayer, Mentor
 Arnold Allen McBride, Dublin
 Walter James McBride, Los Alamitos, Calif.
 Curtis Alan McCutcheon, Berwyn, Pa.
 Mura L. McKitrick, Marysville
 Dianne Kilsuirer Meves, Parma
 Earl Lynn McIner, Carrollton
 Ernest Leroy Miller, Columbus
 JoAnn Moffett, Mansfield
 Robert Keith Norris, Jr., Curwensville, Pa.
 Michael Donawin Oyer, Mt. Sterling
 Karyn Anne Paprocki, Columbus
 Norman Joseph Petit, West Jefferson
 Richard Michael Picone, Middleburg Heights
 Beverly Jean Pilon, Cincinnati
 Claudia Denlinger Powell, Farmersville
 Robert Francis Redmond, Jr., Columbus
 John Michael Reed, Johnston
 Andrew Franklin Rice, Wauseon
 Willie Frank Rice, Lorain
 Mark Allan Rigdon, North Royalton
 Thomas Geoffrey Rigo, Hilliard
 James Lee Robertson, Columbus

Carl August Rosberg, Staunton, Va.
 David William Rubadue, Westerville
 Barry George Salmon, Bernardsville, N. J.
 Nancy Marie Sarafin, Akron
 Scott George Seiple, Columbus
 Mark Steven Shaw, Westerville
 Joel Stephen Simkoff, Beachwood
 David William Sinsel, Grafton, W. Va.
 Kim Alan Smalley, Lima
 Randall Scott Smith, Shelby
 Douglas Allen Soddors, Elida
 Mark McKeith Sowle, Houston, Tex.
 Jeffrey Stuart Steiner, Beachwood
 Wayne Edward Steinhoff, Heath
 Brent Lee Stover, Celina
 Timothy Alan Strader, Mentor
 Natalie Anne Taylor, Warwick, N. Y.
 Steven Lee Terrill, Ridgeway
 Glendene Ann Thornbloom, Columbus
 Kenneth William Tippie, Massillon
 Jeffrey Kalman Tisza, Fairview Park
 Ross Brockus Townsley, Troy
 Jamie Lynn Ture, Pepper Pike
 Kathleen Ann Uland, Circleville
 John William Uttley, III, Columbus
 Janet Berry Vance, Columbus
 Janet Lee VanFleet, Caldwell
 Karen Lynn VanSullichem, Houston, Tex.
 Jana Leigh Vermeer, Groveport
 William Howard Waller, Ironton
 Daryl Thomas Ward, Gahanna
 Larry Wayne Weaver, Lima
 Curtis Scott Wheeler, Columbus
 Mila Jayne Wheeler, Columbus
 James Richard Willier, Columbus
 Larry James Williams, Wilmington, Del.
 Vicki Lynn Windsor, Dublin
 Jeannine Marilee Wine, Columbus
 Thomas Alan Wingfield, Ridgeway
 Roger Mark Wolin, Columbus
 Roger Dale Wollenberg, New Lexington
 John Timothy Zietlow, Columbus

Bachelor of Science in Labor and Human Resources

One candidate

Douglas Hankison Sandrock, Maumee

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

One hundred and fifteen candidates

Ismael Abdullah, Penang, Malaysia
 John Miles Adams, Woodstock
 David Richard Ahlum, Columbus
 A.A.S. (Trinidad State Junior College)
 Christopher John Anderson, Maumee
 Mark Steven Ater, Clarksburg
 Steven Douglas Atwood, Westerville
 Mark Richard Baker, Sylvania
 Shawn Robert Barron, Fremont
 David Ray Beam, Cedarville
 John Frederick Becker, Columbus
 Jeffrey Allen Belmont, Vermilion
 Terrence Robert Bennett, Hebron
 Susan Patricia Billingham, Columbus
 David Kerr Black, Orient
 Gregory Ray Booher, Coshocton
 A.A.S.
 Bradford Hartzel Booth, Tiffin
 David Michael Bradley, Columbus

Charles St. Clair Browne, Madeira
 Jerry Lee Brunst, Solon
 Jack Eugene Coate, Pleasant Hill
 Jon Delbert Cochran, Columbus
 Charles Steven Cooper, Plain City
 Phillip Anthony Crank, Groveport
 Patricia Ann Dalton, Cincinnati
 William Elmer Davis, III, Washington C. H.
 Michael Jude DeChant, Huron
 Denise Michele DeMaria, Port Washington, N. Y.
 Susan JoAnn Dempsey, Columbus
 Robert Allen DeVeny, Willard
 Darby Alan Dicke, New Bremen
 Roger Daniel Dittmer, Sidney
 Drew Alan Eckert, Lexington
 Geoffrey Raymond Egbers, Cincinnati
 Sylvia Jean Ehlerding, Port William
 Robin Lee Fries, Westlake
 A.A. (Cuyahoga Community College)
 Martha Ann Frindt, Maple Heights
 Rick Lynn Fruth, Holgate
 Nick Samuel Gani, Mansfield
 Gary D. George, Arcadia
 Tony Arthur George, Marysville
 Christy Lynn Gilbert, Columbus
 Terry Ann Gilton, Akron
 Dwain Keith Gorby, Jr., Fairborn
 Gilbert Vincent Graham, Jr., Columbus
 Richard Dennis Hall, Northfield
 Dennis Merle Hann, McConnelville
 James Michael Heck, Toledo
 Ronald Francis Hemmer, Zanesville
 Douglas Lee Hertlein, Martinsville
 Daneae Ann Hoover, Miami, Fla.
 Mary Jo Hrastar, Euclid
 Mark Joseph Hudak, Cleveland
 Dwight Keith Hunter, Beverly
 Paul Joseph Hunter, Wilmington
 Timothy Charles Irwin, Bellefontaine
 Mark W. Jones, Prospect
 Mary Caroline King, Cleveland Heights
 David Van Knife, Tipp City
 Sue Anne Lash, New London
 Stephen Merrill Lovejoy, Westerville
 Terri Lee Lucas, Fairborn
 William Gardner Marling, Bloomingburg
 Sally Venette Mason, New Philadelphia
 Gregory Alan Miller, North Canton
 Orrian Ralph Miller, Columbus
 Deborah Ann Murrish, Galloway
 Steven David Myers, Wilmington
 Keith Allen Nelson, Malta
 Michael Paul Papai, Columbus
 Richard Francis Papp, Warren
 Michael Albert Peterson, Frankfort
 Paul Albert Phillips, Berlin Heights
 James Martin Pochedy, Hiram
 George Michael Pollak, Columbus
 Linda Mae Pollak, Middlefield
 Timothy Patrick Quinn, Dayton
 Timothy Paul Kannebarger, Sunbury
 Robert Cassell Reay, Adamsville
 Charles Gordon Reid, Brussels, Belgium
 Thomas Ray Richards, New Washington
 Scott Lee Romine, Gallion
 Gary Alan Roseberry, Prospect
 Michael Eugene Rupp, Wauseon
 A.A.S.
 Paul Joseph Rupp, Cincinnati
 Gregory Lee Salisbury, Beaver
 Jane DeRolph Sammons, Columbus
 Donald Hoyt Savage, Dayton
 Julie Anne Scheel, Columbus
 Stephen Earl Schoepner, Columbus
 Allan Wallace Schulze, West Chester
 Robert Alan Scott, Columbus
 Daniel Wayne Shealy, New Washington
 Carol Sue Silcock, Columbus
 David Alan Simon, Parma Heights
 James Asa Skelton, Canfield
 Jeffrey Arden Smetzer, Bellevue
 A.A.S.
 Sarah Elaine Smith, Coshocton
 Mark Andrew Starr, Louisville, Ky.

† Also Master of Science, Graduate School

Joseph Davis St. Clair, Columbus
 Peter Kinney Stokes, Lancaster
 Roger Allen Stollard, Buckeye Lake
 Keith Allen Strait, Rossburg
 Gregory Wright Thoms, Waverly
 A.A.S.

Michael Scott Tuder, Jersey City, N. J.
 Vera Nadia Uhera, Rocky River
 Donald James Waldo, Attica
 Hollis Eldon Walter, Galion
 Mark Edward Whitney, Miamisburg
 Timothy Lee Whitten, Cincinnati
 Douglas Edward Wiley, Canfield
 Jo Ellen Williams, Athens
 David Melvin Wilson, Urbana
 Carl Taylor Wise, Worthington
 B.A. (DePauw University)
 Barbara Ann Wolfman, Akron
 Steven Douglas Workman, Danville

Bachelor of Science in Food Science

Three candidates

Mark Allen Price, Parma Heights
 Mark Clarence Riethman, Maria Stein
 Janice Grace Switzer, Andover

Bachelor of Science in Food Technology

Two candidates

Georgia Lynne Leonard, Oregon
 Robert Lynn Roller, Columbus

Bachelor of Science in Nutrition

Two candidates

Robert James Traut, Cincinnati
 Tom William Turnbull, Eden, N. Y.

School of Home Economics

Bachelor of Science in Home Economics

Thirty-three candidates

Barbara Elaine Coe, Mt. Vernon
 Cynthia Kay Davis, Sabina
 Nancy Lee Anne Diorio, Columbus
 Judith Christine Folio, Hopedale
 Amy Michele Gaston, Worthington
 Susan Elizabeth Hemker, Delphos
 Nancy Jean Howells, Canal Winchester
 Marcia Wendy Katz, Columbus
 Linda House Knebel, Columbus
 Jean Diane Lake, Marion
 Brenda Joy Malcolm, Cleveland
 Barbara Becker Mathews, Columbus
 Margaret Susan McGraner, Columbus
 Christina McKnight, Nelsonville
 Thomas J. Petty, Columbus
 Beverly Sue Oetzel Priest, Highland
 Darlene A. Ratusz, North Ridgeville
 Shelley Lynn Fox Reffner, Columbus
 Deborah Lee Rehmert, New Knoxville
 Marilyn Jane Rowe, Marion
 Alice Faye Rutledge, Carrollton
 David George Schneider, Canton
 Molly Moor Stafford, Columbus
 Judith Isabelle Stephens, Cambridge
 Carrylyn Elizabeth Stevens, Waynesburg
 Barbara Jo Stoltz, Worthington

Kathy Sue Stratton, Guaynabo, Puerto Rico
 Frances Louise Swickard, Columbus
 Denise Elizabeth Talbot, Lorain
 Patricia Ann Taylor, Columbus
 Leann Gephart Thacker, Carlisle
 Victoria Jay Warner, Greenville
 Paula Ann Yetzer, Shelby

Bachelor of Science in Food Technology

One candidate

Elizabeth Sarah Akins, Chagrin Falls

School of Natural Resources

Bachelor of Science in Natural Resources

Forty-four candidates

David John Altfater, Parma Heights
 Robert Fleming Blair, Hudson
 James Edward Bryndal, Willoughby
 Roger Warren Ditrick, Columbus
 Dale Joseph Eicher, Highland Heights
 Kristine Ann Erickson, Columbus
 Sandra Ellen Fahrer, Dayton
 Terrence Robert Fahy, Columbus
 Edward Hughes Falco, Caledonia
 Randy John Feathers, Columbus
 Randall Dean Foster, Bay Village
 Terrence Patrick Funderburg, Yellow Springs
 Lisa Hope Hale, Lebanon
 James Martin Harrell, Curtice
 Robert John Hengen, Highland Heights
 Julie Lynne Hickey, Lima
 Suzan Ellen Jervey, Columbus
 Dale Alan Jonard, Caldwell
 Timothy Alan Kananen, Conneaut
 John Francis Karath, Albany, N. Y.
 Timothy William Kerzinski, Euclid
 Thomas Earl Lenhart, Findlay
 Susan Gay McDowell, Canton
 Randi Lou McPheron, Zanesville
 John Joseph Mizera, Struthers
 Serena Lenore Newbauer, Dayton
 Lawrence James Peck, Columbus
 Richard Mark Pope, Jr., Kenton
 Mark Stephen Reinemann, Xenia
 Jeffrey Allen Robb, Shelby
 Thomas Eugene Rybski, Columbus
 Thomas Edward Schneider, Fremont
 Carol Lucile Scott, Columbus
 Rosanne Mary Sendry, Cleveland
 Robert Jan Shane, Franklin
 Jeffrey Louis Stanczyk, Cleveland
 Thomas Charles Stephen, Malaga
 David Vanaski, Columbus
 Louis Gerard Von Ville, Columbus
 Elizabeth Harriet Wellman, Youngstown
 Mark Allen Whitmore, Dunwoody, Ga.
 Michele Jean Wigginton, Columbus
 Ronald Yaworsky, Kelayres, Pa.
 Karel Kay Young, Green Springs

Agricultural Technical Institute-Wooster

Associate in Applied Science

Twenty candidates

Daniel Lee Bernhard, Holmesville
 David Lewis Brodman, Carey
 Robert Marshall Byrne, Bucyrus
 Brian Lane Kinzie, Van Wert
 Cindy Diane Lumley, Carrollton
 Christine Sue Mattern, Leipsic
 Florence McCarthy, Chillicothe
 Candy Lynn Moss, Cleveland
 Cathy Diane Novak, Industry, Pa.
 Kathryn King Pepke, Hilliard
 Steven John Phillips, Hamersville
 George Donald Pierman, Ottawa
 Mark Edward Provans, Clinton
 Richard Lee Russell, Garrettsville
 John Alan Schmachtenberger, Beloit
 Timothy Lynn Stebbins, Union
 Ralph Steiner, III, Mt. Cory
 Terrance Victor Summers, Coolville
 Joe Robert Welker, Sterling
 Richard Lee Zearley, Massillon

College of Dentistry

Dean: Charles L. Howell

Certificate of Graduate Dental Hygienist

One candidate

Constance Ann Vallo, Kettering

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and fifty-eight candidates

Marsha Zeune Abbott, Reynoldsburg
 Preston Michael Akers, Columbus
 Alfred Randy Allen, Columbus
 Carolyn Kilpatrick Allen, Newark
 Jamie Lou Arnold, Columbus
 Sharon Lynn Baker, Waldo
 Mark Wellington Bass, Columbus
 Jeffery Lewis Besozzi, Canton
 Pamela Sue Biddinger, Kenton
 Lee McAdow Bidwell, Kenton
 Paula Mary Blair, Columbus
 Eva Bondor Blankenship, Prospect
 Jerry Michael Bloomfield, Fredericktown
 Shelley Leigh Boas, Postoria
 Betty Freyer Borris, Napoleon
 Olga Lucia Borrer, Columbus
 Deborah Ann Bradley, Niles
 Youla Gilom Brant, Leavenworth, Kan.
 Cert. Grad. Dent. Hyg.

1 Also Master of Science, Graduate School
 2 Also Bachelor of Science in Education,
 College of Education

Connie Sue Braun, Columbus
 Cert.Grad.Dent.Hyg.
 Timothy Michael Burge, Marion
 Peter David Bursik, Columbus
 Dana Woodrow Carley, Circleville
 Erwin Lance Clark, Marion
 Kathleen Sheetz Claytor, Mansfield
 Connie Diane Conley, Galion
 Darlene Marie Conte, Columbus
 Francis Joseph Cooke, Marietta
 Kendra Lee Copenhaver, Columbus
 Jean Marie Cottrell, Wapakoneta
 Mona Denise Cramer, Perryville
 Cynthia Lorrain Crowl, Bedford
 Michael Datsiah, Warren
 Heidi Sue Davis, North Canton
 Steven Troy Davis, Columbus
 Cynthia Louise Dean, Springfield
 Vicki Sue Devol, Logan
 Petra Reichenbach Donofrio, Westerville
 Judith Ann Dotter, Columbus
 Jack DeWayne Emrich, Delaware
 Susan Jane Ennis, Columbus
 Cynthia Lee Evans, Worthington
 Gary David Evans, Columbus
 Kathleen Schepp Everitt, Lima
 Barbara Louise Fett, Lima
 Laura Ann Foster, Cincinnati
 Stephanie Foy, Medina
 Candace Lynn France, Steubenville
 Deborah Kay Freeman, Columbus
 Garland John Gates, Shelby
 Cynthia Lee Geisler, Newark
 Thomas Allen Gerlach, Marion
 Marilyn Ann Gibbons, Columbus
 Pamela Ruth Ginley, North Olmsted
 Peggy Elaine Glass, Marion
 James Robert Gloyd, Columbus
 Marilyn Kohn Gold, Deerfield, Ill.
 Nancy Pontius Goldsberry, Amanda
 John Matthew Gray, Gallipolis
 Glenna Sue Gurtz, Port Clinton
 Katherine Louise Hall, Mentor
 Kimberly Parr Harju, Columbus
 Joyce Ann Harris, Columbus
 Linda Sue Hasson, Lima
 Linda Jo Herman, Columbus
 Melinda Gay Heuer, Columbus
 Leesa Ann Hinton, Columbus
 Philip Stanley Holbrook, Columbus
 Anna Marie Howard, Columbus
 Cert.Grad.Dent.Hyg.
 Marta Jo Howard, Columbus
 Nancy Jeanne Huber, Cuyahoga Falls
 Lynn Diane Hutchcraft, Worthington
 Gloria Ann Jackson, Akron
 Susan Lynn Jackson, Newark
 Stephen Craig Jewell, Pomeroy
 Jill Elaine Johns, St. Marys
 Sherry Jean Jones, Marion
 Teresa Watson Jones, Gambier
 John James Joseph, Westerville
 Kathy Lynn Joseph, Middleburg Heights
 Gerald Robert Koberg, Columbus
 Donna Marie Kilgore, Greenwich
 Richard Edward Koenig, Merrick, N. Y.
 Linda Lee Lachey, Tipp City
 Robin Marie Laden, Akron
 Darrell Robert Lee, Pandora
 James A. Lee, IV, Marion
 Raymond Thomas Lee, III, Cincinnati
 Larry Ray Lemaster, Columbus
 Richard Lee Lemmons, II, Middletown
 Charlotte Metzger Lindeman, Fort Jennings
 Beth Anne Loew, Toledo
 Cert.Grad.Dent.Hyg.
 Julia Schwab Lombardo, Columbus
 Susan Louise Lowmiller, Columbus
 Deborah Reed Luidhardt, Lima
 Thomas Victor May, Columbus
 Joanne Zuidervliet McCarter, Mansfield
 Robert Jarrett McCollister, Columbus
 Michael John McCorkle, Columbus
 Sally Austin McDaniel, Columbus
 Anneli Eva Meristu, Cleveland Heights
 Carla Lee Miller, Mansfield
 Judy Ann Misch, Columbus
 Dianna Kay Morrow, Bucyrus

Kathleen Marie Murray, Columbus
 D. Marie Nagode, Columbus
 Doris Hamel Nichols, Delphos
 Robert Joseph Nixon, Lima
 Beth Ann Ogle, Millersport
 Luther Barry Parks, Columbus
 Laura Ann Parsons, Mansfield
 Harold Edward Phillips, Jr., Columbus
 Patricia Carsilli Poole, Pickerington
 Jocelyn Py, Cincinnati
 Howard Jetty Raina, Columbus
 Rosemary Raymond, Columbus
 Sharon Whitney Reeder, Columbus
 Cert.Grad.Dent.Hyg.
 Edward M. Reeve, Parma
 Charles Edward Reichert, Attica
 Michael Gene Reid, Columbus
 Dana Lynn Reinbeau, Frazeeburg
 Karen Roberts Retherford, Westerville
 Robert Raymond Rhuda, Reynoldsburg
 Gregory Lynn Rice, Marion
 Carl Stephen Rippel, Hilliard
 Roxanne Ronevich, Mt. Pleasant
 Robin Rosalie Rue, Cincinnati
 Mara Jo Rummer, Delaware
 Mary Boisenue Ryan, Columbus
 Mary Ann Sager, LaRue
 Steven Michael Scarpitti, Columbus
 Cindy Rae Schlarb, Columbus
 Gregory Lee Seelenbinder, Columbus
 Kathy Marie Seits, Bucyrus
 James Leonard Sielschott, Rockford
 Karen McCullough Smith, Lima
 Paulette Newcomer Smith, Columbus
 Donald Eric Springman, Marietta
 Mark A. Squires, Beachwood
 Brenda Bright Stang, Ashland
 Nancy Renee Stewart, Canton
 Karen Nadine Stutrud, Centerville
 James Harry Taylor, Zanesville
 Terri Shanley Thompson, Sidney
 Andrew Wilson Thress, Columbus
 Kay Peters VonDeylen, Columbus
 Alana Lee Wagner, Mansfield
 Jeanie Newman Wainwright, Columbus
 Wayne Edward Wertz, Columbus
 *Michele Jean Wigginton, Columbus
 Mary Alice Wines, Upper Sandusky
 Brenda Jean Winter, Warren
 Gregory Paul Wolf, Columbus
 Sheila Anne Wood, Natick, Mass.
 Richard Dennis Woodman, Avon Lake
 Deborah Ann Wurth, Columbus Grove
 James Patrick Yankle, Columbus
 Paul Louis Yeager, II, Barberton
 Gary Eugene Zetts, Columbus

**Bachelor of Art Education and
 Bachelor of Music Education
 degrees are offered jointly by the
 College of the Arts and the
 College of Education**
 Candidates are listed on page 8

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Two candidates

Jon Marson Bonime, Columbus
 John Marshall Housley, Cincinnati

Bachelor of Science in Agricultural Engineering

Two candidates

Bruce Nathaniel Hagen, Deshler
 William David Snyder, Columbus

Bachelor of Science in Ceramic Engineering

Two candidates

John Eric Factor, Nashport
 Ken Wing Lee, Columbus

Bachelor of Science in Chemical Engineering

One candidate

Jeffrey Thomas Lowry, Brockport, N. Y.

Bachelor of Science in Civil Engineering

Twenty candidates

Bruce Howard Baum, Cleveland
 Gilbert Bargar Black, Columbus
 B.S.
 *Theodore William Black, Shelby
 Philip Hopok Cheng, Columbus
 James Ireland Crammond, III, Oregon
 Charles David Culp, Cuyahoga Falls
 Mark Alan Forwerck, Pittsburg
 Roger Lee Green, Baltimore
 William Newton Grove, Columbus
 Jeffery Ross Hosner, North Olmsted
 Jack Dennis Hudnell, Waynesburg
 Thomas Clifford Miller, Lebanon
 Gregory J. Moore, Columbus
 George Evan Nelms, Cadiz
 William Joseph Pizzino, Newbury
 Mark Joseph Schoepner, Columbus
 Rickard Alan Sicker, Columbus
 Donald James Violet, Springfield
 Paul Arnold Watkins, Columbus
 Michael Charles Worthy, Salem, N. H.

Bachelor of Science in Computer and Information Science

Nine candidates

Sima Ahmadi-Marandi, Tehran, Iran
 Steven Lee Brainerd, Aurora
 Richard Parker Brown, Columbus
 Rock Gilbert, Oberlin
 Robert Thomas Hewitt, III, Marietta
 James McKeenan Pennington, Newark
 Gregg William Pittenger, Columbus
 Gary Lynn Popa, Seven Hills
 Pauline Karin Sanker, Rumson, N. J.

Bachelor of Science in Electrical Engineering

Thirteen candidates

Scott Edmund Bailey, Columbus
 Harold Wilford Dean, Lakeville
 Jack James Deno, Whitehall
 Jeffrey Michael Glenn, Columbus

* Also Bachelor of Science in Natural Resources,
 College of Agriculture and Home Economics
 † Also Bachelor of Science in Surveying,
 College of Engineering

Rudy Alan Jones, Springfield
Francis Xavier Mahoney, Ashtabula
Karankumar Lalpatrai Mehra,
Bombay, India
Curtis Robert Panasuk, Hicksville
Kenneth Robert Panzel, Parma Heights
Edwin Lee Pennybacker, Blacklick
Dean Anthony Picciano, Chillicothe
William James Reddy, Columbus
Michael Richard Scheckelhoff, Ottawa

Bachelor of Science in Engineering Physics

Three candidates

William N. Dean, Jr., Columbus
Stanley Frank Quayle, North Royalton
Joseph Ward Thornhill, Sylvania

Industrial Engineer

Two candidates

Earnest Brown, Columbus
B.S. (Ohio University)
Pat O. Kennedy, Columbus
A.B. (West Virginia University)

Bachelor of Science in Industrial and Systems Engineering

Six candidates

Daniel William Hrehov, Marion
Charles Albert Moore, Jr., Youngstown
Frank James Polachek, Cleveland
James Steven Sinai, Youngstown
Victor Thomas Sinai, Youngstown
Rodney Malcolm Slack, Marietta

Bachelor of Science in Mechanical Engineering

Eleven candidates

Norman Harold Bender, Cincinnati
Douglas Francis Busch, Kettering
Michael Thomas Cavanaugh, Columbus
Wendell Hillis Cornslet, H.I. Columbus
Charles Walter Dantzer, Columbus
Douglas Clarke Grant, Columbus
Maria Elizabeth Heimlich, Attica
Robert Francis Kelley, Jr., Worthington
Richard Thomas Ondrejko, Cambridge
John Robert Spain, Hudson
James Patrick Tracy, Newark

Bachelor of Science in Surveying

One candidate

*Theodore William Black, Shelby

Bachelor of Science in Welding Engineering

Four candidates

Frederick Anton Ade, Jr., Mansfield
Joseph Marvin Barker, Worthington
Basil John Nicolozakes, Cambridge
Thomas David Spry, Wadsworth

School of Architecture

Bachelor of Science in Architecture

Seven candidates

David Lee Bircher, Canton
Gregory Chere, Oxford, Conn.
Robert Frank Gwyn, Fostoria
Mark Xavier Slivka, Youngstown
Richard Philip Van Deusen, Xenia
Mark Alan Vasko, Ashville
Jayne Ann Williams, Columbus

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Five candidates

Arthur Alan Altman, Cincinnati
B.A. (University of Michigan)
Michael Alan Burgin, Shaker Heights
A.B. (Washington University)
Laurie Cass Miller, Cincinnati
B.A. (Yale University)
David Frederick Mitchell, Kent
B.S., M.S. (Kent State University)
John Benjamin Saks, Shaker Heights
B.A. (Sarah Lawrence College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Twelve candidates

David Henry August, Westerville
Sandra Jean Batdorff, Tiffin
John Joseph Bernhart, Columbus
Robert Kenneth Betts, Columbus
John Martin Braithwaite, Middleburg Heights
David Allen Dumond, Columbus
Robert Roy Eisiminger, Columbus
Claire Florence Johansen, Fremont
Daniel McGuirk, Columbus
Teresa Kimmitt Miley, Delphos
Janet Eileen Traunero, Tiffin
Eric Alan Wise, Columbus

Certificate of Nurse Anesthetist

Six candidates

Ruth Miller Allison, Columbus
R.N. (Saint Vincent's School of Nursing, Indiana)
Dorothy Arlene Bradbury, Columbus
R.N. (Marion County General Hospital School of Nursing, Indiana)
Cheryl Renee Dorsey, Columbus
B.S. Nurs.
Timothy Frederick Hoffman, Bellbrook
A.B. (Bus.) (Earlham College);
B.S. Nurs. (Wright State University)

Catherine Ann Kleckner, Dayton
A.A.S. (Sinclair Community College)
Elizabeth Callahan Thompson, Columbus
R.N. (Lynch General-Marshall Lodge Hospital School of Nursing, Virginia)

Certificate of Post Baccalaureate Circulation Technologist

Two candidates

Michael Peter Kostiuk, Elyria
B.S.
Brian Richard Paules, Whitehall, Pa.
B.S.

School of Nursing

Bachelor of Science in Nursing

Twenty-nine candidates

Monica Hinkle Baker, Columbus
Barbara Jean Bowers, Aurora
Sandra Jean Clyse, Ironton
Nancy Lynn Crlsig, Cincinnati
Julie Hoffman Detomo, Dayton
Patti Ann Ducelli, Cincinnati
Diana Schwab Elliott, Dayton
Susan Jo Frost, Columbus
Laura Jean Grieve, Columbus
B.S.P.E. (University of Florida)
Rosella Irene Huck, Lowell
Sue Ann Jagodnik, Wickliffe
Bonnie McConnell Kingman, Akron
Jo Lynn LeBeau, Washington C. H.
Cynthia Ann Levering, Fredericktown
Karen Sue Long, Lowell
Katherine Elizabeth Lowe, Columbus
Rosalie Kachut McGinnis, Strongsville
Peggy Lynn Martin, Columbus
Paula Kay Meidl, Columbus
Judith Ann Novak, Rome
B.S.
Bonnie Lynn Paul, Columbus
Rebecca Lynn Renfrew, Youngstown
Patricia Lynn Rudy, Columbus
Diane Marie Schaefer, Sandusky
Michael Aaron Sheets, Gallipolis
Denise Stage, Nelsonville
Susan Jane Turner, Dayton
Karen Lee Valuska, Wintersville
Thomas Joseph Yanick, Euclid

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

One candidate

Sheila Margaret Matz, Sandusky

* Also Bachelor of Science in Civil Engineering,
College of Engineering

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Thirty-eight candidates

Susan Elizabeth Bell, Cleveland Heights
Bonnie Jo Bumpus, Frazeeburg
Nancy Susan Burwell, Ironton
Nylita M. Cain, Gallipolis
Sara Ann Chasman, Dayton
Marsha Ann Cochran, Whitehouse
Debra Lynne Dolinsky, Beachwood
Karen Kay Ekstrom, Lima
Barbara Jeanne Genet, Barborton
Mary Alice Griffith, Cincinnati
Leesa Ann Hall, Canton
John Edwin Hecht, Jr., Mansfield
Cathy Ann Wolford Hudson,
West Lafayette
Keith Alan Jacobs, Cleveland
Diane Mary Kiddie, Dover, Mass.
Leslie Jean Krah, Columbus
Beverly Jean Langley, Columbus
Craig Boice Line, Findlay
David M. Loar, Columbus
Diane LaVelle Mead, Westerville
Patricia Angela McCabe, Columbus
Rebecca Lynn McClaran, Avon
Carol Ann McCormick, Columbus
Theresa Marie McSweeney, Columbus
Dan Kevin Niles, Bucyrus
Laura Marie Philburn, Middletown, N. J.
Steven P. Plouck, Bryan
Elizabeth Anne Rapp, Kenton
Smith Reid, Jr., Columbus
Deborah Lowry Sanborn, Shaker Heights
Gloria D. Sanchez, Painesville
Penny Lynn Schwartz, Beachwood
Robert Mack Seaman, Peebles
Cynthia Reed Smith, Toledo
Dorothy Ann Treiber, Columbus
Regina Wicks, Zanesville
Don L. Williamson, Columbus
Holly Irene Winterland, Centerville

Graduates with Honors

Summa Cum Laude

Robert Mark Bibler, Lancaster
Charles Walter Dantzer, Columbus
Petra Reichenbach Donofrio, Westerville
Dennis Wayne Fogarty, Springfield
Laura Jean Grieve, Columbus
Leesa Ann Hall, Canton
Linda Joe Herman, Columbus
John James Joseph, Westerville
Michael Alan Mautz, Sandusky
Robert Joseph O'Neil, Columbus
Elizabeth Anne Rapp, Kenton
Karen McCullough Smith, Lima
Sarah Elaine Smith, Coshocton
Molly Moor Stafford, Columbus
Janet Eileen Traunero, Tiffin
Kay Peters Von Deylen, Columbus
Mila Jayne Wheeler, Columbus

**Summa cum laude with distinction in
Agricultural Economics**

Christopher John Anderson, Maumee

**Summa cum laude with distinction in
Agricultural Education and Animal Science**

Rick Lynn Fruth, Holgate

**Summa cum laude with distinction in
Classics with honors in the Liberal Arts**

Allan Jay Silverman, Columbus

Cum Laude

Robert Kenneth Betts, Columbus
Pamela Sue Biddinger, Kenton
Paula Mary Blair, Columbus
Veronica Lynne Bowers, Lima
Barbara Jean Bowers, Aurora
Cynthia Lee Brinker, Tequesta, Fla.
Douglas Francis Busch, Kettering
Mona Denise Cramer, Perryville
William Charles Davis, Cincinnati
Roger Daniel Dittmer, Sidney
Debra Lynn Dolinsky, Beachwood
Diana Schwab Elliott, Dayton
Barbara Louise Fett, Lima
Laura Ann Foster, Cincinnati
Michael Anargiros Frangopoulos, Campbell
Terrence Patrick Funderburg,
Yellow Springs
Cynthia Lee Geisler, Newark
Nancy Pontius Goldsberry, Amanda
Glenna Sue Gurtz, Port Clinton
Kimberly Parr Harju, Columbus
Linda Herritt, Westerville
Edward Allen Holmen, Elyria
Cathy Ann Wolford Hudson,
West Lafayette
Timothy Charles Irwin, Bellefontaine
David Lawrence Jones, Lucasville
Thomas Eric Lodge, Columbus
Peggy Lynn Martin, Columbus
Thomas John Masaryk, Wadsworth
Robert Jarrett McColister, Columbus
JoAnn Moffett, Mansfield
Lawrence James Peck, Columbus
Linda Mae Pollak, Middlefield
Karen Roberts Retherford, Westerville
Thomas Ray Richards, New Washington
Scott Lee Romine, Gallion
Robin Rosalie Rue, Cincinnati
Jane DeRolph Sammons, Columbus
Steven Michael Scarpitti, Columbus
James Asa Skelton, Canfield
Gregory Lee Seelenbinder, Columbus
Dane Stinson, Clarksburg
Terri Snavey Thompson, Sidney
Joseph Ward Thornhill, Sylvania
Peggy Lynn Twohig, Fairview Park

Joe Robert Welker, Sterling
Thomas Alan Wingfield, Ridgeway

**Cum laude with distinction in
Agricultural Economics**

Douglas Lee Hertlein, Martinsville
Michael Paul Papai, Columbus

Cum laude with distinction in Horticulture
Gregory Alan Miller, North Canton

With distinction in Agricultural Education
Dennis Merle Hann, McConnelsville

With distinction in Fisheries Management
Thomas Earl Lenhart, Findlay

With distinction in German
Johanka M. Klaban, Cincinnati

With distinction in Social Sciences
Susan Ann Warner, Newark

With distinction in Sociology
Betty Pfau Vicent, Columbus

With distinction in Zoology
Marc E. Kanter, Cincinnati

While every effort is made to ensure the accuracy and completeness of the names appearing in the Commencement Program, printing schedules occasionally make this impossible. Therefore, the University's permanent academic record for each student is the official registry for conferral of a degree.

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 3, 1978

The Board of Trustees met at its regular monthly meeting on Friday, March 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, Howard D. Sirak, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

March 3, 1978 meeting, Board of Trustees

The Chairman, Mr. Gushman, called the meeting of the Board of Trustees to order at 9:00 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

--O--

The meeting of the Board of Trustees reconvened at 10:00 a.m.

ELECTION OF ACTING TREASURER

Resolution No. 78-88

WHEREAS Rule 3335-1-02, Paragraph (B) of the Administrative Code, provides for replacement of Board officers through election; and

WHEREAS Mr. Ernest W. Leggett, who has served as Treasurer of this Board, has retired from this University position; and

WHEREAS a successor has not been found as of this date:

NOW THEREFORE

BE IT RESOLVED, That Mr. Leonard V. Cook be elected as Acting Treasurer of this Board.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

MEDICAL PRACTICE PLAN

Mr. Gushman:

This morning we have a request to the Board to speak from Robert L. Wall, President of the Medical Society. Is Dr. Wall present?

Dr. Wall:

I would like to thank Mr. Gushman and Dr. Moulton and the Board again for permitting us to speak and address this body. If you will recall one month ago we did, and at that time you will recall we were representing 200 full-time clinical faculty MDs, who comprise our Medical Society. It was, in essence, a briefing, realizing that about 95 per cent or more of what the Board gets is usually brief from us, from the President's Office and from his associates. It does seem that on any subject that has produced such controversy and could have a great influence on the University and on the community, all views should be represented so that the Board would not be at a disadvantage in making its best and most responsible judgment. At that meeting, we also rejected the first draft proposal unanimously, as it clearly was showing the problems of drafting such a document by its authors

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Dr. Wall: (contd)

who had somewhat of a limited experience in medical colleges and had excluded essentially most input from the medical faculty. I would imagine in retrospect that probably all of our parties realize that the initial plans were somewhat disastrous. We also at that time offered a counterproposal that gave accountability of paying our expenses related to practice income, and we strongly advised continuance of all the twelve departmental practice plans then in existence. Some of them had been in existence as long as ten years. To date we have not had any formal response to that proposal.

One week ago, a second proposal was offered by the Administration to a limited faculty representation, which is made up of department chairmen and the elected representatives of the Medical Society Practice Plan. However, the elected officers of the Medical Society Committee were denied attendance despite requests made on two occasions--that was on Thursday. On Friday--attempts were made by many of the departments to obtain copies of this so that our faculty could read it, and we contacted Mr. Vandament's Office and these were obtained Friday afternoon. The faculty read them over the weekend and organized departmental meetings on Monday, Tuesday and Wednesday to discuss them and comment on Plan Two.

But it was on Wednesday afternoon that all the faculty members received Plan Three, really, before they really digested Plan Two. I did not get to read mine until late that night because I was meeting with the Administration outlining some areas of common concern and interest. Even before we had a chance to read it, a local newspaper had commented on it in an interview. Now all 200 of our faculty members have read it and are concerned with many features in it. Even while these discussions were initiated we read, and it might not be properly reported in the *Lantern*, that this is the plan and no future one will be made unless the Board so instructs the committee. We have great difficulty in characterizing these activities as clearly showing a concern for open discussions with our faculty. If the plan is really good, why not present it to all and have a free discussion? The continued loss of valuable faculty, the unrest and disruption of our mission continues. We originally pleaded with the Board not to polarize our faculty, and unfortunately, I think this has probably occurred. It can be undone by honest, purposeful interchange of information in good faith so that our Administration might continue to learn from this faculty input. Our faculty now having met by departments has unanimously rejected Plan Three. There is solidarity in this unanimous rejection as evidenced by letters submitted from the Departments of Medicine and Pathology delivered to President Enarson and Mr. Gushman, I believe, yesterday, and by additional statements that will be handed out (and will be available from Dr. Williams), signed by the rest of the faculty members of other departments. The reasons for rejection are many, ranging from the fact that this seems to many as a breach of the contract by which they were originally recruited over the last two to three decades when they continued to be employed; to the item of a failure to suggest any reason for its inception other than control; and surely not

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Dr. Wall: (contd)

containing evidence that would suggest it might in any way improve the three missions of our college, which are teaching, research and patient care. Accountability is contained in our counterproposal. Most suggest that taking over the financial operation of the hospital finances by the Administration would probably weaken it as it would be done by people with somewhat limited experience, probably. Surely the functions of our hospital and the College of Medicine absolutely relate to the quality of patient care and should not be any pawns to a power play. Our patients and students, I think, deserve better than that. This problem should be settled by the Board, not by court. I would hope that possibly rationality and common sense would prevail so that further irreparable damage is not done to our college. I am pleased to see that a number of our faculty members have come here today and many of them are more knowledgeable about some of our functions than I am, I am sure. I think that if there are questions we could answer that in any way would assist the Board in understanding our function, we would try. Our legal representatives are present because we do not understand legal things, obviously, and we would invite any questions to Dr. Williams that we might be capable of responding to. I think you will recall some of the other folks from different departments sitting here and if I may in answering any questions use their resources, I would appreciate it. Thank you.

Mr. Hilliker:

If I understand you correctly, your first objection is that Plan Three or probably any practice plan would be possibly a breach of employment contract. I may not have exactly the proper wording, but I would like some further elaboration on how it would be a breach of an employment contract?

Dr. Wall: May I call upon our legal representative?

Mr. Hilliker: Surely.

Mr. Gushman:

Certainly, but if your legal representative is going to speak, I would like for him to first tell me in what capacity he is here and whom he represents.

Dr. Wall: Mr. Robert Nordstrom and Mr. Sam Porter.

Mr. Nordstrom:

My name is Robert Nordstrom. I represent 154 doctors in the College of Medicine, who have employed the firm Porter, Wright, Morris & Arthur, of which I am a partner.

Mr. Gushman: These are individual doctors.

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Mr. Nordstrom:

Individual doctors. When many of these doctors were hired by Ohio State University, the College of Medicine was on probation and they were employed with the idea--the present idea--that they would have their teaching salaries which would be extremely low, and they would have facilities available for the practice of medicine. That went on for many years; in fact, until the practice plan in 1971.

Mr. Hilliker:

So what you are saying is that this would create an ongoing thing that could not be changed.

President Enarson: Into the 25th Century.

Mr. Nordstrom:

No, that is not true at all. Of course, the doctors are responsible for the costs for the facilities. They recognize that, but the doctors who are here would have that kind of a contract.

Mr. Hilliker:

In other words, these aren't year-by-year contracts subject to renegotiation prior to the beginning of each academic year.

Mr. Nordstrom:

The doctors who have tenure have a right to their income. This thing is going wrong--can anyone help me on this before we get on a people basis, and I don't want to do that.

Mr. Hilliker:

The first objection was listed as a breach of employment contract and I am trying to determine where the 'alleged breach' would fall. I don't see a breach of an employment contract by instituting a practice plan and I just need some clarification on this.

Mr. Porter: I think there are several factors involved.

Mr. Gushman: Excuse me, Mr. Porter, are you representing the same 154 doctors?

Mr. Porter: Yes, your honor. I think you know where I have been.

Mr. Gushman: Thank you, yes I do.

Mr. Porter:

Without repeating what Mr. Nordstrom has said, obviously the history goes back a long time. What is being presented to the Board for its consideration today is an

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Mr. Porter: (contd)

abrupt departure from that employment situation that has existed and the relationship between these doctors and this institution. Now it seems to me that within that historical framework there are rights that have accrued that cannot be unilaterally changed in this way. Now I recognize this and would not want the Board to misunderstand--I recognize it--and we recognize that the Board has the responsibility for the management of this institution and they have the ongoing responsibility with respect to salaries, property, and the whole bit; but so far as some 200 doctors are concerned they hired in under a given set of conditions and it seems to me that there is a precedent to that or a history to that which creates certain rights within; that is basically where we would come from. Now whether it gets wrapped into tenure, I don't know. But I do believe that there are rights that cannot be unilaterally changed with respect to these people. Now we made the suggestion to the committee, or at least to Mr. Gilbertson, that maybe one of the things that should be done was to 'grandfather' them and somebody suggested--one of the doctors--the way they work in coronary and all the rest, it wouldn't take very long until you would have a complete turnover and not have the problem. I hope that you will give me the opportunity to state what I think is the real issue and, if I might, if that would be appropriate, I would like to speak to it--

Mr. Devenow: What are your feelings? I don't understand this contract implication.

Mr. Gushman:

As I understand it, a doctor can leave at any time he wants to. Is that correct?

Mr. Porter: Well, I think you can leave at any time--that's right.

Mr. Gushman: Well, where is this contract binding then on the University?

Mr. Porter:

I think that when he came here in 1955 or 1965 under the representation that, 'if you will perform in the following way, you may practice privately and the income which you attract belongs to you,' and he devotes fifteen years or twenty years of his life and his professional practice to that, I think that he acquires certain rights.

Mr. Gushman:

You may go ahead. We are not going to try a law suit here, not while I am presiding, anyway.

Mr. Porter:

And please, I understand that there are other lawyers in the room that I am sure disagree with me. I think that there are two basic issues and I'll take the first one and put it aside because it is your responsibility, obviously. I am not competent

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

Mr. Porter: (contd)

to speak to it, but it is this. There is the basic underlying question of whether or not this is a sound way to run the Medical School. And when we were retained by these doctors we hired consultants, we sat down, we have worked with them in connection with practice plans; and the ones that we have studied and the advice that we have had from those people would lead us to believe that there is a more appropriate way of going about the development of a plan and what planned action to take, but that is not a legal matter. The second thing, and to me the real problem that I have with the plan, and I think the real problem that faces the University and the Board is this. This plan regulates private income. It just flat out regulates private income and it starts from the proposition that you are a full-time faculty member if the time devoted exceeds, I think, 50 per cent. Now to my way of thinking, that means that there is 49 per cent or 45 per cent or so that is available for something else. For example, the doctor may be associated at Children's Hospital; he might have some other hospital connection and be well within the framework of his contract with the University. Now this practice plan reaches all of that income; it reaches it regardless of its source, and it distributes it. It takes from it not based on utilization of University facilities and redistributes it based upon the conceived view or conceived financial needs of the department and the Medical School, and I think that there is something fundamentally wrong with that. I think it is obviously in my view that it is not desirable to deal with private income in that way, but I would also suggest to you that there is a distribution that I find very difficult to deal with. Part and parcel, I think part of the reason that the doctors have so much difficulty is that they don't understand, and neither do I, why they are singled out among all of the faculty members at Ohio State for this particular type of treatment, and if the theory is that an individual owes 40 hours a week and he's accountable for that, then obviously you can work with that. But that's not what this does. This says every dollar that he produces shall be treated as practice income as though it comes from here. And I might add that in my discussions with the members of the committee that they have taken a flat-out position that all income produced by a doctor, one of these 200 doctors, belongs to Ohio State University. That's the position where they come from. I think it is wrong, and I don't believe it is sound, and I think it's inferred in the plan as proposed.

Mr. Gushman:

Thank you, Mr. Porter. Are there any questions to Mr. Porter? I repeat again, I don't want to treat this as a courtroom, and if there are going to be legal problems, they are going to be between counsel and not between Board and counsel. But if you want to question him on the facts of any statement, now is the time to do it. Warren?

Mr. Smith:

Just one question. You talk about 'grandfathering' and identifying a time period in which such a commitment was made. I am sure this type of commitment wasn't made a year ago, it wasn't made 10 years ago, 20 years ago. Are we talking between 1954 and 1958 or --

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Mr. Porter:

Well, obviously, I can only speak to it from what I have been told. I understood it went back, and historically it started after the Second World War when this Medical School was in deep trouble and it was without adequate funds in order to staff it. And at that time the attempt was made to bring in the caliber of people that have been attracted, with the understanding that there was not adequate money to pay them and their income would have to come from private sources. And that was a practice that has grown up and has continued over the years and, as I understand it, as a matter of fact, exists in many medical schools. I want you sir and the rest of the Board members to understand something, that when we were retained I said to your counsel and to Mr. Gilbertson and to the people that we represent: we do not believe that this matter should be settled in court. This matter should be settled right here and we would certainly do everything possible in order to accomplish this.

Mr. Gushman:

Thank you. Other questions from the Board? Pardon me. Dr. Wall, sure, anybody. You're willing, aren't you, doctor?

Dr. Wall: If I know the answer. If I don't, I'll ask for help.

Mr. Smith:

I think I know your answer, but I think I would like to hear you discuss it, and, that is, practice plan income. Is that an institutional resource which we share with doctors to give them incentives to develop practice plans, or is that a physician resource shared with the University?

Dr. Wall:

It is a physician resource until he voluntarily gives it up. It has always been traditionally that way at this institution in the practice of medicine. We voluntarily have contributed a great deal. I think that is one of the merits of some of the things that we are already doing, that we have had an evolutionary plan, one that we have generated ourselves by recognizing needs in our departments that were not subsidized by the University. The support of many of our house officers, young people in training, and fellows, support of our outpatient facilities--these were voluntary systems, but the money had to be earned and then it was voluntarily contributed. This has been going on for a long time.

Mr. Smith:

I get the opinion that it is a byproduct of the institution. It is there because the institution is there, it's not there because the doctors are there.

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Dr. Wall:

Well, the only person that can generate a professional fee that I know of is a doctor; a hospital cannot practice medicine to my knowledge.

Mr. Smith: The hospital creates the form or the college creates the form.

Dr. Wall:

Whereas at Riverside, too, or Mt. Carmel, the hospital doesn't generate the fee; the doctor does for his services.

Mr. Smith:

The primary function at those hospitals is to treat patients; and this hospital is into patient care, research--

Dr. Wall: They are intertwined; obviously, you can't teach what you can't do.

Mr. Smith: That's right. The primary function is teaching and research, probably.

Dr. Wall:

The reason why our salaries were given to us is because of our teaching responsibilities that are over and above the usual functions of many physicians.

Mr. Smith:

Do you think it is universally accepted, I mean, throughout all institutions that this is physician income to be shared?

Dr. Wall:

I think there are exceptions; at least in the State of Ohio there are. The exceptions are, I think, the Gallipolis Clinic and the Cleveland Clinic that were 'grandfather' cloused under the Ohio Code when they were permitted to continue their participation; at least that's what I have been told in previous discussions about this. I don't know the legal background on it, sir.

Mr. Smith:

I meant that not just within this state, but generally throughout the country?

Dr. Wall: They are until they are voluntarily given up. Yes sir.

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Mr. Smith:

I guess the question I am asking you couldn't answer anyway. I just want the concept of the total medical profession or in teaching in colleges. Do you think the concept holds that that is a resource of the practitioner?

Dr. Wall:

I think it does. I think if you will look at some of the plans--I would not like to quote them by source. I am sure that you have had resources that have gone over these as we have. Many of these look good on paper but their actual function is avoided. There is one in Ohio. Most of the patients that would provide significant income are cared for in ancillary hospitals and this is happening, I think, in a lot of teaching hospitals. Their censuses have dropped. I am sure you are aware of this and I am sure that hospital administrators could speak to this much more knowledgeably than I could, that if there is an alternate pathway that is what will happen.

Mr. Hilliker:

Doctor Wall, you made a comment to the effect that there seems to be no reason for this plan except control or possibly a power play by the Administration, etc. Do you see an obligation of this Board, since we are talking about it, in deferring these costs using public funds? Do you see an obligation on the part of this Board to effect some kind of control? In other words, in our role as--I am not saying guardians of the public funding--but in effect I guess that's what I am saying.

Dr. Wall:

I guess if you believe that, then it should apply, I would think, to all faculty of the University.

Mr. Hilliker: You do see an obligation on our part or a responsibility on our part?

Dr. Wall:

I see the responsibility to assess. I really can't speak to the legality of that; I really can't.

Mr. Hilliker:

And I can see the hospital as an entire facility. It's a little different type of animal as far as the public is concerned--we're definitely providing a public service and we are using public funds to provide that public service. My question comes to an accountability as to how we are expending these funds? It is a little difficult for us under the present arrangement to answer any questions of anybody as they come to us.

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Dr. Wall:

All this data comes from being regularly audited, and you have regular accreditation visits. You have regular auditing systems through your dean.

Mr. Hilliker:

No, I think what we are spending we don't know in effect, I am sure we can account for the dollars that we have spent, but in reference to the whole pie, it is a little difficult to account under the present type of non-unified system.

Dr. Wall: I don't think that is entirely our responsibility to come up with that.

Mr. Hilliker: No, I think it is ours.

Dr. Wall: Yes.

Mr. Hilliker: And I think that is what we are attempting to do.

Dr. Wall:

And if you don't have it, I wonder why you don't have it, say, for the hospital or something like this.

Mr. Hilliker: Well, this is, in my opinion, an effort of what we are attempting to do.

Mr. Gushman:

Further questions? We are going to have other people talk here, doctor, and I hope you can stay because you may want to question somebody else's statements or have some input, and if you do, we'll be glad to hear you. As a matter of fact our Board procedure, as most of you know, requires certain notification about speaking so we don't get our meetings completely cluttered. You complied with all of that, but I just want to say if you want to introduce any of your colleagues or anybody else at this time who, within a limited time span, want to address themselves to this, this Board will be glad to hear them, and I am not establishing that as a precedent. I may rule differently at the next meeting, but I think this is a serious problem and we want to have full input here today. Well, if not, Dr. Enarson, will you go on with your part of this presentation?

President Enarson:

Mr. Chairman, members of the Board, distinguished guests and counselors, as President of a major university I know full well and intimately from experience that change is traumatic in any large and complex organization including the University. I deeply believe that this Board as a public board is charged with a public trust of protecting and safeguarding and promoting the public interest. It is an

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President Enarson: (contd)

incontestable fact that roughly nine out of ten of the medical colleges--university-based medical colleges--in this country do have college-wide plans. It is also incontestable, as anybody can easily find out from going back and chatting, talking with presidents, deans, and faculty members of institutions, Dr. Wall, which have initiated university-wide plans, that this becomes to some degree a painful and traumatic episode from which they recover and go on to become stronger institutions. I won't recite the long and painful history which led this University to virtually stand alone in the nation in not having a plan that would provide a full accountability to the people who pay the bills, the taxpayers of this state who have funded over the years, University Hospital, and who put \$42 million into new facilities. You know the history as well as I, you simply read it in a different fashion than some of us do. I was directed by this Board, after considerable discussion, to develop after consultation a single appropriate practice plan for consideration. As President, I appointed a committee on September 9, 1977. It included Dr. Sirak, a member of this Board; Dr. Kathryn Schoen of the Central Administration; Eric Gilbertson, of my office; and Dr. William Vandament, Executive Assistant to the President and Director of Budget and Resources Planning. I will refrain from commenting because others who were directly involved will speak to the point. I will refrain at this moment from commenting about the bald assertion, and I read it as that, of no consultation, or no willingness to listen. The point is that the process has worked. The point is that at long last our committee did elicit from a substantial number of persons, including the leadership group, their views, their opinions, their judgments, their sentiments, their convictions. Out of that was shaped this particular draft. Before I turn to Dr. Sirak to introduce this topic and to move toward an orderly, thorough, complete, full presentation of the proposed plan, I will simply say again that if one is to speak of accreditation, one must in all fairness go back to an accreditation team which visited this campus and pointed out in cold print that absence of the college-wide practice plan was a serious omission. I would like to turn to Dr. Sirak, who will then open the discussion and move to other presentations for the benefit of the Board.

Dr. Sirak:

Mr. Chairman, Mr. President, ladies and gentlemen, when we submitted the original practice plan we had no beliefs that it was in acceptable form or that it would be anywhere near a close approximation of what we wanted for this medical faculty. It was submitted purely to act as a can opener, springboard, conversation, dialogue between ourselves and the medical faculty and in that respect it was admirably effective. We elicited much response and much advice and have applied it to the current form of a practice plan as it exists today--third draft as it has been referred to. We have met with many, many individuals in the college on each one of these practice plans as they were developed; the medical executive committee; and representatives of individual departments, individually and collectively.

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Dr. Sirak: (contd)

And I think as testimony to that fact, we have accepted a great many of the valid proposals of the medical faculty and have incorporated them in the present draft of the practice plan. We realize that there is no such thing as a perfect plan, but we do think that this plan in its present form is a workable, good plan for The Ohio State University College of Medicine. As evidence of some of the input that we have received from the medical faculty, which is incorporated in the plan, are many of the following major items. This plan puts no limit on practice income, such as exists in the vast majority of plans throughout the United States. The plan permits MDs to continue to do their own billing, with an option, if they so elect, to use a central billing service in the hospital. The plan contains much decentralization of decision-making by keeping it at the department level, decision-making insofar as dollar reimbursement and also in terms of cost containment. This plan does not spell out fixed amounts that everyone must give; that is delegated to the department chairman and his counsel from within his own department. This plan does not remove the practice income of one department and reallocate it to other departments. This plan permits doctors, at departmental chairmen discretion, to change academic status and remain within the hospital and maintain their practice and their status at their own election. This plan, ladies and gentlemen, in my opinion, and I think I can speak for the rest of the members of the committee, does not drive out doctors who conscientiously want to work in an academic institution. Now at the same time, this plan does provide accountability and fulfill Trustees' responsibility to the public for providing accountability to it in their capacity as Trustees of The Ohio State University. Ladies and gentlemen, I very strongly endorse this plan and I repeat again, I don't think it is perfect, but I don't think that it is possible to arrive at a perfect plan. I think that we have received all of the consultation and the input from the faculty that can be reasonably expected to be incorporated into a practice plan.

President Enarson:

I would like to call upon Bill Vandament who, in one sense, has spent an inordinate amount of time on this matter because, it may come as a shock and surprise to some of you in the audience, this is not the only concern that this University has. He has major responsibilities in shaping the budget and in addition to those responsibilities he has spent I can't guess how much time working with you, and I would like to have Bill speak to this.

Dr. Vandament:

Thank you very much. It has been an experience I think that in many ways has been a rewarding experience, Mr. President, and as I look into these familiar, if not always friendly faces, I can report for myself that the personal experience

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Dr. Vandament: (contd)

has been one that I have enjoyed very much. We have engaged in vigorous discussions, but I think at all times the discussions have been constructive and have been positive in nature. I would like to reassure the Board that in describing the plan, you are not in for one of my typical budget slide shows that goes on interminably. I notice some squirming in the chairs; I will try to be brief. You do have copies of the plan.

I think the best way to describe the plan would be to go through the steps that would be involved in its operation and for that I have a couple of overhead projections that I would like to use. That's a little bit skewed but I think it is all on focus so that everyone can read it at any rate.

The first step in the process is the assessment of the cost and what we show on the screen here is the method by which the cost obligations are determined. These are both for the practice costs and also for the costs of academic improvement. First, if we move to the practice costs, obligations of the department, we have really three components that must be considered in determining what we would call a net practice cost figure. In the first place, the direct costs are those costs that departments plan for, and we are recommending that they plan for them on an annual basis and for such costs as personnel, supplies, and equipment, develop a budget for each year in terms of the costs of their practice. In large measure these costs will be costs incurred in the University Clinic, but the option remains also for there to be direct practice costs associated with some practice in facilities outside the University where that kind of practice is necessary for the academic program. The development of this budget is, of course, the responsibility of the department chairman; but in the proposal we are also calling for a department finance committee to advise the chairman in developing this kind of budget. In the plan we also call for an approval by the dean of each of the departmental direct cost budgets.

The second item is based on what the department will indicate its space needs and support service needs to be as well. The cost of providing these by University hospitals would then be calculated by the University for the use of University facilities and support services. There has been some concern about placing an upper limit on the amount that could be charged for these services, and we have stated in the plan that the charges for such services shall be no more than the charges that would be standard in the community for comparable services.

Finally, we get to a credit item and this is the credit for the teaching and research activities that are being conducted through the practice budget that has been submitted by the department. There may be, because we are operating a teaching facility as well as a treatment facility, additional support personnel and facilities that are being utilized that a private physician would not have and would not have to pay for. You will recall that annually we do get a teaching and research allocation from the General Assembly in recognition of the teaching and research function that goes on in the hospital complex. It is at this point that the dean will

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Dr. Vandament: (contd)

review the departmental budgets with the chairmen and their various activities to find those costs that are embedded in the practice costs budgets that are actually attributable to educational and research activities. Therefore, as a final departmental obligation then we have the sum of the first two items minus the amount of credit that should be applied for the teaching and research function.

The second type of cost that needs to be assessed and budgeted for the year is the academic improvement costs, and here we are talking about a budget which will provide for enrichment and improvement of the academic program. Such things as journals, travel, salary supplements for people with heavy teaching and research responsibilities and the provision of personnel that support the academic program would come from that academic improvement budget. This budget would be the responsibility of the department chairmen with the advice of the departmental finance committee and would also be subject to the dean's review.

I think we are ready now for the next overhead. Once the cost obligations have been established for each department, there comes the matter of how these are to be paid.

First, there needs to be some calculation of the cost obligations for individual department members, and under the plan that we are proposing, the department finance committee would meet and recommend guidelines and procedures to the department chairmen for the assessment of these costs to individual members. The department chairmen would then allocate the individual obligations, the department's obligations among its individual members, considering the total income of the individual, the use of facilities and support services, the types of duties that the individual has. You may recall, in our first plan we had proposed an assessment based on the percentage of income generated for individual faculty members and, after receiving many faculty comments and hearing of the complex arrangements that are made in each department, both in terms of a sharing of duties and a sharing of financial obligations, we concluded that the decisions on individual responsibilities could best be made at the departmental level where both duties and financial obligations were melded together.

Secondly, then we move on to the Medical Research and Development Foundation which receives and disburses the funds that are paid to cover practice costs and departmental improvement. Under the proposed plan, individual faculty would make monthly payments to the foundation. The foundation would then reimburse the hospitals and other agents wherein costs had been accumulated; for example, if office space were rented in some off-campus location. The foundation would also maintain accounts then for some component of the departmental improvement funds and would be able to accept funds for other purposes as well. There is a certain amount of flexibility in the expenditure of funds that would be permissible through such a foundation, and therefore we thought it wise to have some mechanism outside the normal University system to allow for at least a

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Dr. Vandament: (contd)

portion of the expenditure of departmental funds. So I think, in general, by running through that process, the only component that has been left out then is the practice plan committee. We are proposing at the same time that a practice plan committee be established, composed of one representative from each of the 13 clinical departments, and that this practice plan committee advise the dean and the foundation on a variety of matters pertaining to the operation of the practice plan. I think with that I will close unless there are any questions.

Mr. Havens:

Before you get off of that number two, assuming this plan is adopted as submitted here, is my assumption right? We've talked about the income from private patients. Doctors own the income and they then contribute monthly a certain amount up to MRDF. Is that right?

Dr. Vandament:

I am not sure that I am following the first part of your statement. You say if doctors--

Mr. Havens: The doctors are collecting their money; I am presuming it's their income.

Dr. Vandament: Yes.

Mr. Havens:

Then they contribute a portion of that--if we agree on the plan--under your plan they would then contribute a portion of that monthly, and that is how it gets into MRDF?

Dr. Vandament: Yes.

Mr. Havens: OK.

President Enarson:

I would like to call upon Eric Gilbertson who has been functioning also as a member of the committee.

Mr. Gilbertson:

Mr. Chairman and members of the Board. As many members of this Board know from the contacts with trustees at other institutions, no practice plan is likely to be accepted gladly by everyone. I think this is clearly going to be the case at Ohio State even though the plan we proposed attempts to meet a great many of the objections the faculty has voiced. In the end I think we have simply reached some

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Mr. Gilbertson: (contd)

disagreements. Even perhaps on the question of whether there is a need for a practice plan at all. We thought it might be useful to review some of those points of disagreement with you.

The first perhaps is that, whether there is really a need to change the status quo. It may become tiresome, but it might be useful to again restate our problems in that regard. First, the University now has no real control over costs associated with the income-producing practice of medicine. They can in no way be accountable for them. We can account for a little more than one-half of the cost faculty allege they are now paying. Others clearly do include malpractice but they also include a variety of other personal expenditures, including unauthorized staff, unauthorized compensation supplements and so forth. Indeed, there are people working in the Medical Center public facilities, of which OSU has no records, on private payrolls. We have no system for the fair calculation of the charges for the use of public facilities, the support services or reimbursement for them.

Secondly, there is a basic equity lacking in the present system or lack of system. There is no question, and we have said this several times, that some faculty now voluntarily give more than any plan could possibly compel them to; others do not. The data indicating that a large percentage of the faculty do contribute in some way to some departmental arrangement in no way should be taken to reflect any adequacy of that.

Third, the University really has no rational basis for allocating our own University general funds resources. We do not know the total compensation of faculty or the total resources of the departments. We set our salaries and our budgets literally shooting in the dark.

Fourth, we have no orderly, purposeful use of the academic improvement funds. We can account for about one-half of what the Medical Society has presented as 'contributions to academic improvement,' these through Presidents Club memberships and so forth. The other half, we can only conclude involve personal expenditures. We have no way of directing those for the total academic needs of the departments or the college. Expenditures now are principally a matter of personal choice.

We agree that a rigidly centralized plan with no practice incentive would be damaging to Ohio State University. This plan does not do that. It is far less restrictive financially; far less burdensome than most practice plans. In short, we think the voluntarism of the status quo, which relies on the generosity of a few is a poor substitute for systematic, equitable policy.

Another objection I think you have heard, or we have heard, is with respect to these practice earnings, their disclosure, who owns them. We believe there is some

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Mr. Gilbertson: (contd)

question about the totally private character of those earnings. I think it is to be recalled they are earned by full-time faculty or substantially full-time faculty. We have used the term 'regular' which means they are tenured or tenure track. They are earned by those persons principally in public facilities. It has become a tenet with us that patient care is an integral part of teaching and research--it is not moonlighting--and unlike income-producing activities of other faculty, it is part of their overall responsibility. We have been told this. We told this to the General Assembly and the people of Ohio when we asked them to build the facilities we now have. Those facilities were built because patient care was necessary to and a part of teaching and research.

The disclosure in this practice plan is a limited one to chairmen, to deans, to the auditing firm; but it is absolutely necessary. The only alternative we saw was a wholly centralized billing and collection system as is the case at most other institutions with practice plans. It is necessary here for a variety of other decisions the University must make, the first of which is setting University salaries. So there is no reason we should be paying the same salaries to persons with six-figure practice incomes as we are to persons with minimal practice incomes and heavy research activities. It is also necessary under our plan to the allocating of the cost recovery burden and the departmental improvement.

Another objection that we have heard is that the proposed plan places arbitrary control in the hands of the dean and the chairmen; that it creates a certain economic uncertainty in the faculty. It's true in a sense.

This proposed plan does not readily yield the 'bottom line' for the individual faculty member. Decisions as to salary, as to the share of the cost burden, support for academic improvement and so forth are to be determined by departmental plans. This is precisely what we were asked for though. The faculty objected vigorously to the rigid application of a rote percentage formula.

Uncertainty is necessary in a highly decentralized plan. We have attempted to build in some guarantees: the ceiling on contributions for academic support and, indeed, having the departments themselves involved in the allocation of costs. If decisions are to be made at the departmental level, as we have been told they should and have accepted, then there can be no firm assurances.

Moreover we have considered a very important point in an academic setting as in other organizations. Someone must be in the leadership role; someone must be charged with making final decisions. The University has got to be more than a loose amalgamation of entrepreneuring individuals and departments. While the dean and chairmen cannot act arbitrarily, they must be able to give direction to those departments.

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Mr. Gilbertson: (contd)

The practice activity is an important component of the work of the college and the departments, and income from this practice is an important resource. It must be used to meet the institution's goals. The dean and the chairmen simply must have a strong voice in that activity.

It has been suggested also that this plan does nothing to promote the academic goals of the college, that is, teaching and research. There is a certain irony in that because the present system we have, fully the lack of a system, places all incentive on patient care with little or none on teaching and research. As a result, you have seen the data--indeed, it was presented to you by the Medical Society at your last meeting--you have seen how we fared in those areas.

This plan is limited in its academic objectives. It does not directly assist the lower income departments with clinic costs--that is something we attempted to do in earlier drafts and found no support for--nor does it seek to reallocate practice departmental improvement funds from the high earning departments to the low earning departments. Again, in earlier drafts we found no support for that.

It does do a couple of things though. It requires the departments to plan the use of academic improvement funds as opposed to allowing individuals to decide for themselves how these so-called contributions will be spent, and it will help to insure that the use of those funds is for the best academic reasons.

It also will permit the dean and the chairmen to rationally allocate general funds budgets to better further the college's teaching and research goals. Faculty compensation, in our judgment, must be viewed as a whole--salary and practice income. We now set these blindly. We hope with the plan to free up a substantial sum of the University general funds money to improve some salaries on a merit basis and also to attract new faculty.

I would say in conclusion that this has been a difficult, and at times unpleasant, matter for our committee. The issues are emotional ones, though we have been gratified by the willingness of faculty to share information with us and to help in our work. We have been responsive to their views, where this was possible. And this was possible on a great many key points.

To state the obvious: faculty have strongly held views in this matter. What is less obvious but perhaps even equally or more significant is that these beliefs vary as widely among the faculty as they do between the faculty and the administration. While some of these beliefs may be self-serving, most are honest beliefs, held with the best interest of the College of Medicine--as each individual perceives those interests--at heart. Indeed, I think the members of our committee have come to hold in the highest regard some of the very individuals who disagree with us most vigorously. I hope they feel likewise.

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Mr. Gilbertson: (contd)

The fact remains, however, that after we have listened and we have understood, we have still disagreed on these remaining issues. And we will doubtlessly continue to disagree. But then, I suppose, in an academic community, disagreement is not altogether a bad thing.

What is a bad thing though is a nagging, continual uncertainty. This matter has been deliberated, debated, discussed at this institution for several years. If our disagreements are any less now than before, it is because we have changed our proposal to meet the demands and the concerns of the faculty, not because there has been evidence of reciprocal willingness to accept change. I simply do not detect that everyone is any closer to joyous agreement now than at other times. I, and I believe I speak for the other members of our committee, have concluded sadly that no neat, easy resolution is to be had or ever will be achievable. In the end, this matter comes to a question of judgment. The plan before you represents our best judgment as to a fair and a workable policy. Thank you.

President Enarson:

Thank you. I certainly associate myself with the remarks just made by Eric Gilbertson. I would simply assert from the very depths of my being and my convictions as a person who has been in academic administration for nearly a quarter of a century that a college, any college, anywhere, at any time, simply must be more than the elected aggregate of its department, or the collected aggregate of individuals. There is again a silent presence in this room. It is the public of the State of Ohio which supports and sustains this great land-grant University. The person who ultimately bears the brunt of working with his colleagues and the fair implementation of any decision by this Board is, of course, the dean of the college. I think that perhaps it is worth saying that the dean of the college was not appointed by the whim of the President. We had at the time a formal systematic search committee. We had a careful review, acted on the recommendations of key members of the faculty of the College of Medicine. I would like at this time to call upon Dr. Henry Cramblett to comment on this plan.

Dr. Cramblett:

Thank you, Mr. President, Mr. Chairman and members of the Board. The practice plan issue in the College of Medicine has been debated too long and needs to be resolved. There are no new points to be raised and I am sure there are no ready answers. The presently proposed plan, as developed by the committee appointed by President Enarson, is in my opinion, the result of careful study and extensive consultation. The committee has revised its original proposal to accommodate some of the desires of the faculty as espoused by their elected representatives, by those attending individual faculty meetings and by the chairmen.

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MEDICAL PRACTICE PLAN (contd)

Dr. Cramblett: (contd)

The plan provides for College of Medicine institutional needs of accountability, for insuring adequate compensation for all of its faculty, and for academic improvement. No plan will please everyone, but given the history and traditions of our College of Medicine, I believe the plan which encompasses reallocation of University funds presents a workable resolution to a complex issue. My staff and I will continue to dedicate our efforts to building an outstanding College of Medicine. This plan will be of great help to us in those efforts.

Mr. Gushman: Does that complete the presentation of your committee, Dr. Sirak?

Dr. Sirak: Yes, Mr. Chairman.

Mr. Gushman:

Dr. Wall, I feel that we should give you a chance for rebuttal here if you would like; you have heard the committee's report and we would be happy to have you say anything you want to say.

Dr. Wall:

I have heard most of these things from Bill and Eric and George Baughman at great length, and I have spoken to the dean and a great number of people. I don't think there is anything to be said that is necessarily new. Maybe some member of our faculty might like to speak to this.

Dr. DeLeo: Could we?

Mr. Gushman: Sure, would you just state your name?

Dr. DeLeo:

I am Dr. Bernard DeLeo from the Department of Anesthesiology; Dr. William Hamelberg, our chairman, is not here. He asked this question the other day of the committee and I would like to ask this directly. He asked it in an attempt to get a 'yes' or 'no' answer. Is the dollar that I earn my money or the University's money?

Dr. Sirak: I'll answer. It's your money.

Dr. DeLeo: It's my money. Thank you.

Mr. Gushman: Any other comments? If not, oh I am sorry.

Dr. Wall:

Dr. Balcerzak of the Department of Medicine--I think an outstanding leader in our research efforts here in the Department of Medicine and Hematology.

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MEDICAL PRACTICE PLAN (contd)

Dr. Balcerzak:

Mr. Chairman and members of the Board, I feel very nervous in front of this group, maybe it is the cold in the room too, but--

President Enarson: It's this way everywhere on campus, I thought.

Dr. Balcerzak: Yes sir.

President Enarson: You're telling me something.

Dr. Balcerzak:

I wanted to speak from a different perspective perhaps than you have heard before. I came to this University ten years ago and for nine years have been director of the division of hematology and oncology. I feel very privileged to be in that position. In that time the faculty has grown from five to ten full-time members and they are good people: people who have devoted their time to patient care with skill and dedication, compassion; people who have spent a lot of time teaching; and also--the major point I want to make--people who have done a lot of research. In the nine years that I have been head, we've brought in approximately \$6 million worth of outside funds as principal investigators--that is not participating in the cancer center or being co-investigators--but \$6 million worth of monies as principal investigators. I am proud of that and I wanted you to know it because it gives, I hope, the perspective from which I am speaking. One of the reasons I have been able to do that, with the help of others is because I have had some flexibility in monies. We have been able to attract people into the division because of the current plan or, as it has been called, a lack of plan. And one of the reasons that I think it has been successful is that we have been able to see what the needs are because we're there locally. I fear that this plan will abrogate that and that those views will not be heard very strongly. I hope that that's not right, but I fear it will be so. That is really what I had to say.

Mr. Gushman: We appreciate your view.

Dr. Wall: There is one more gentleman to speak.

Mr. Gushman: Surely.

Dr. Wall:

Dr. Metz, professor of medicine--and during the unfortunate illness of Dr. Warren at the present time--serves a dual role of being a physician as well as running the department--

MEDICAL PRACTICE PLAN (contd)

Dr. Metz:

Mr. Chairman and members of the Board, I appreciate the opportunity to talk. I represent the Department of Medicine, which is the largest department of the college, and the department which is most involved in teaching, and does the teaching for approximately 60 to 70 per cent of the elective time for students in their clinical years, and at our school like at most others, I think represents the cornerstone of medical education. I want to make only one point to you and that is that the Department of Medicine is different from other departments, and it is these differences that I think the plan has not addressed; and it is critical to the success of any plan that would have wide acceptance in the college.

Over the last several weeks I have come to appreciate the efforts of the President's committee and especially those of Bill Vandament, who I have come to like very much and enjoy meeting with. I appreciate the fact that his efforts have been sincere and he's had goodwill from the beginning. But I don't think the plan is ready yet, and I don't think it is ready for adoption because there are too many of the uncertainties that Mr. Gilbertson spoke of that are of tremendous concern to the faculty.

And I must preface what I say next by saying that the Department of Medicine is certainly not opposed to a practice plan, and part of the history of practice at Ohio State is that for the past nine years, the Department of Medicine has had a practice plan. Its birth was very painful, in many ways more so than this one. It took many, many months to arrive at a plan which the department could endorse and a plan to which all members were willing to affix their signature. The reason that it eventually ended up being accepted and being successful was that the effort was put into it to take into account the different functions of different people within the department. We recognized the individual contributions of each member of the department, wrote the plan accordingly and in the end did not hurt anybody in the department. We ended up helping the department considerably by developing a new source of funds which had a wide use. At that time, unfortunately, a major part of it went to support house staff.

More recently those funds have gone to support our share of support of the clinic building. And if I could digress for just a second, I suppose that one of the greatest sources of contention in all of our discussions, from the point of view of the Department of Medicine, has been all of the attention that has been directed toward the outpatient clinic building. You may recall that it was first named the Ambulatory Patient-Teaching Facility, which I think from our point of view, is a better description of our activities there than the University Hospitals Clinic. For many of us this building which has become the focus of the practice plan is a not-for-profit operation. We have many people who spend a great deal of time there and do not earn the amount that we would be assessed to pay for that building.

MEDICAL PRACTICE PLAN (contd)

Dr. Metz: (contd)

In our particular division, that is the division headed by Dr. Balcerzak, for example, we take care of patients whose illnesses are much more complex than those ordinarily taken care of in a physician's office, that is, patients with cancer whose care is quite complicated and complex. The bill for direct costs for the operation of our clinic would come to some \$90,000 a year, roughly \$10,000 a man, and I don't earn that much in the outpatient clinic. So the role of our department there is quite different, and to make that particular building the focus for this practice plan and the focus for our responsibility for accountability is a serious bone of contention for our department. To be sure, there are people in our department who earn a profit there, but it is not a gold mine for the Department of Medicine, which is the biggest department in the college and the department most involved in teaching.

Our major concern about the current practice plan, that is, the current proposal, is that it does not address these differences between departments, and I understand the reasons for the change from so-called Plan B to Plan C. There were some loud voices at the session which Mr. Vandament and others attended recently that said they didn't want funds shifted back and forth from one department to another; I think that is the kind of thing that is open for discussion. From the point of view of our department, we feel that the fact that there are different kinds of departments with different activities has to be taken into account by specific provisions in any practice plan. This practice plan does not address that, and in unanimity our department would reject the current version of the practice plan; and I would urge your careful consideration of the present one, urge you to consider postponing any vote until additional work can be done and we can arrive at one which is more universally acceptable. Thank you.

Dr. Jacob:

You seem to be saying that through this evolution of the three plans that there have been changes made which are beneficial to all concerned, but you think that some more fine tuning is needed; but that's--

Dr. Metz:

Dr. Jacob--I speak only for myself and for the Department of Medicine and I urge you to remember that the Department of Medicine is the department primarily responsible for teaching in our College of Medicine. Our department would not accept the current version; we think fine tuning can be done, but it has to take into account that there are very different kinds of departments in the College of Medicine, and it is this great uncertainty about what the future holds for us that makes the current plan totally unacceptable.

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MEDICAL PRACTICE PLAN (contd)

Dr. Jacob:

Well, we know that the plan has been unanimously rejected by all departments and I am getting to possibly understand now that there is not just one central reason, that each department has an area in the plan which is not in keeping--

Dr. Metz:

I am saying the reasons are quite different from department to department, yes.

Dr. Jacob:

However, we do have a substantial document here which in my opinion does not leave a lot of room for change. I am just thinking in terms of how long do you think this might take if we were to say 'well, let's not act on it today.' How long, I mean we cannot go on indefinitely with the process of consultation and re-writes, and we are never going to make everybody happy; that's a foregone conclusion. Are we talking one month, five months, a year?

Dr. Metz:

Well, Dr. Jacob, the history of the current operation, as you know, is some 25 years old at least. I must say now that I speak only for myself and not even for the department or anybody else, but I think that within a year at least a really workable plan could be put together; perhaps the major changes within a matter of weeks. The fine tuning may take until the July 1979 deadline that is written into the current one. But I think it is worth the effort and worth the time to get one that is not going to be disruptive and I think that can be accomplished. I think at least there are people that I have faith in that can do that among the current group.

Dr. Jacob:

I think we have built a lot of flexibility into this plan intentionally to allow fine tuning even after the plan is adopted. A year to me would not be a year prior to a formal adoption; I cannot envision that at all. But if there are any changes which might be of significance that could be made within a few weeks, with everybody dedicated to getting this done, that might be something that we could consider. But to let it go on for a year--

Dr. Metz:

No, I think the fine tuning will take that long for certain, I think to--

Dr. Jacob: We have got that time and some flexibility in the document.

Dr. Metz: Yes.

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Mr. Gushman: July 1979. Let's see, I believe Mrs. James is next.

Mrs. James: I would just like to ask--

Mr. Gushman: Pat, would you use that microphone.

Mrs. James:

For clarification, the comment that, at least the implication that I am getting is that, this plan would put a terrible burden on particularly the Department of Medicine. Under the explanation that Dr. Vandament gave, under payments, it says that the department chairmen will allocate individual responsibility based on total income on use of facilities and support based on duties. Now it would seem to me that would be adjusted according to what is going on in individual departments.

Dr. Metz: Individual divisions.

Mrs. James:

All right, individual divisions. I think what I am hearing you say is that that is not so, and I would like Dr. Vandament explain that then, if it is possible, and get your reaction to that.

Dr. Vandament:

Certainly, the way we have drafted this proposed plan, it seems to us, is that we leave the cost assessment process at the departmental level and therefore we do allow for there to be considerable flexibility within the department. I might add in terms of meeting costs, Dr. Metz mentions the major teaching and research effort that is undertaken by the Department of Medicine. And it was our view that the adjustment to achieve a net practice cost on the basis of teaching and research funds that are available to the University would provide relief for departments such as the Department of Medicine that have a heavy teaching and research burden. Dr. Metz and I have talked several times and we did have in the committee's second draft, I think something which might have spoken more to the problems of that specific department, the Department of Medicine. However, when we surfaced that plan, we were roundly criticized, vigorously criticized by other departments, and we felt that we could not have the kind of plan that treated the entire clinical faculty as one large practice corporation, each paying costs based on ability to pay. There were several departments where that was completely unacceptable and we had to abandon it. I think we state in our report that we would have preferred that method of assessment that we had described in the second plan. We simply thought the results would be too disastrous in terms of the reactions of too many of the departments.

Mr. Gushman: Jim.

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Mr. Hilliker:

I think Bill Vandament partially answered my question I was going to ask Dr. Metz. I understand what you are saying, that your share of the cost might well be pretty synonymous with what you are gaining in practice income. But what I was going to ask you is why was there not more vocal support for a different kind of allocation, at the time when that particular draft was being discussed, that would have allocated costs based more on percentage of practice income received rather than basing it on how much direct cost the department incurs without really much relation to how much practice income that department receives. You're raising the question now, and I think it is a valid question. And I have talked to Dr. Sirak about this, because I do not understand the logic in why certain departments did not support the draft of which Bill Vandament is speaking, I mean actively support it, in light of what the alternative would have to be known to be. In other words, now you are saying Plan Three is not acceptable because your share may well be too great, but why when Plan Two was being discussed, why was there not more support from these particular clinical departments at that time? I don't understand that.

Dr. Metz:

I can answer that very easily, Mr. Hilliker, and that is that Plan C came out a few days after Plan B. The only presentation of Plan B was to a relatively small group where there were loud voices, and Mr. Vandament and others have been well aware of the feelings of the Department of Medicine for some time about the unfair burden that the Department of Medicine has in supporting an outpatient facility. There was never any presentation of Plan B to the college as a whole, to the faculty as a whole, and never any opportunity to respond to it as a group, or as a department. And it was just a matter of days until Plan C was out. And actually we have not been asked to respond to that one, but there was no opportunity for response to this so-called Plan B.

Mr. Smith:

You mentioned the cost of running the clinic, which is a teaching clinic. If those costs were assessed against the faculty who teach in the clinic, no one could assume that cost. I just wondered again would--you, Bill--most of those costs which you categorized as item C be subtracted?

Dr. Vandament:

It is impossible to predict at this time just how much would be attributed to that. There will have to be a study that goes on for several months to try to determine the ground rules for the allocation of the teaching and research funds, but it is an activity that does have to proceed, and I think Dr. Metz is right that our analysis of things will show that a very major share of the teaching and research funds would be going to the Department of Medicine.

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MEDICAL PRACTICE PLAN (contd)

Mr. Smith:

Pat mentioned the other things where you can try to reach out for equity among the staff. One was assessing the cost as you negotiate the contract with a faculty member that you can do it that way, and the other way was the fact that there would be some budget money coming from the University that would now be freed even in other departments which the dean, if he decided for example, could allocate to your department. Don't you think that would help you reach the type of equity that you are seeking?

Dr. Metz:

If you are asking that in the form of a question to me, I would say the answer to it is yes, but as the members of our department read this practice plan, it is this great uncertainty and all of these unanswered questions which make them say we cannot accept it. Now to be sure, if there is in good faith and good intentions on the part of everyone involved in this multiple-layered administration of the plan which you have seen outlined; that kind of good faith prevails and everyone has the best ideas about research, about patient care, about teaching and the rewards go where they should go; yes, then we will make out just fine. But I cannot read this plan any way and say that it is going to be good for me individually nor can I say it is going to be good for the Department of Medicine. It is not built into the plan as I read it now.

Mr. Smith:

We could make a highly structured plan with numbers--so you could get a bottom line, but then it becomes very restrictive and a lot of things happen when you just deal with numbers. Do you think that would be acceptable to the college?

Dr. Metz:

The Constitution is certainly not written that way, but we are not talking about lofty ideals here when it comes down to the fact that we are talking about money. And as I said in a letter which I wrote and sent to Dr. Enarson, Mr. Gushman and our dean, nothing provokes as much anxiety as uncertainty. You know, that, and that is exactly what this plan has generated among all of the faculty, especially in our department. We really have no idea of what it is going to mean to us as a department or as individuals, and thereby the idea of uncertainty of any kind causes frustration.

Dr. Sirak:

Earl, I think we have got a conflict here. One, theoretically you need flexibility--the practice plan committee and the Board realize you need flexibility--because there is a variation in a department as large as the Department of Medicine with its many divisions. As a matter of fact the practice plan committee spent a whole afternoon discussing this. Now we want you to have flexibility--I am speaking of

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MEDICAL PRACTICE PLAN (contd)

Dr. Sirak: (contd)

a practice plan committee now--but you can't have flexibility if you have numbers assigned to you. And what you seem to be asking for is a resolution of your uncertainty problem, which is, of course, emotional, and you can't have uncertainty without fixed numbers. I mean if you have fixed numbers then you can resolve the problem of the uncertainty. You can have certainty with fixed numbers, and I just wonder, Earl, if one of the problems that heightens this emotional reaction to this thing is due to the fact that the Department of Medicine has had a practice plan for nine or ten years and it has been a rather rigidly structured entity. And what we are really doing is giving you a lot more flexibility than you have been accustomed to working under in your own department, and I think this uncertainty might very well be a product of that. Because you certainly will have more flexibility under this present practice plan than you will have had under the practice plan under which you have been working for twelve years in your own department.

Dr. Metz:

There is a considerable amount of flexibility in terms of lack of specificity in the present plan. There is certainly no ceiling anywhere on costs that can be assessed other than the so-called departmental improvement plan which has a ceiling of 20 per cent of the patient care income. I don't see any other ceiling; I don't see any other guarantees that final decisions on how that income is spent will be left with those who know best how to use it; and I would suggest to you, Dr. Sirak, that no one in this room, if this were a labor management sort of negotiation, could possibly support a plan in which there is so much unsaid, so much uncertainty, and so much lack of specific provisions. If you were management and I were labor, you wouldn't propose such a plan to me and I wouldn't accept it. We are not in that situation, fortunately, but that's--

Dr. Sirak:

That's right and that is why we are not having that kind of a plan. I mean you don't want that kind of a plan, I am sure you don't. And I think the other aspect of the thing of not having a ceiling on costs--I don't think that the University is capable of predicting or projecting costs that will be in--the cost of heating or the cost of whatever--you know, you wouldn't be able to do that if you had a contract with a building owner downtown for your office. He wouldn't be able to tell you what it costs, what your rent is going to be five, ten, fifteen years down the road.

Dr. Metz:

I am not looking ahead five or ten years, I am looking ahead to the first year of operation of this plan.

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Dr. Sirak:

And I think the practice plan committee understands that there are a finite number of dollars that are generated by a doctor, and they are most interested in having whatever dollars that are returned go primarily for enrichment, and they therefore realize that if they are not accurate in recouping the cost overhead, that this is going to be subtracted from the dollars that are available for enrichment. And this is not what the practice plan committee or, I am sure, the Board wants to achieve in the administration.

Mr. Gushman:

Any other questions? Dr. Wall, do you have anybody else that you--oh, I am sorry you did ask; just a minute please.

Dr. Balcerzak: Is that clear, doctor?

Mr. Devenow:

On the relationship between the research grant--the \$6 million you talked about--and this issue, will you please tie that up for me? I think that left me somewhere up in the air.

Dr. Balcerzak:

What I was trying to say is that the ability to attract faculty who could come up with proposals that would be funded is in part related to flexibility of monies, which I feel that one can control who can see a situation better at a local level. For example, let me give you an example. We have had this practice plan in the Department of Medicine for some time, as you have heard, and those monies initially were intended for faculty enrichment. They were to increase the income of those people who were engaged primarily in research activities. Those funds were diverted because other expenditures came about, for example, support of house staff, so that there was no possibility of doing what we wanted with those funds initially. I fear that, as Dr. Metz has expressed, that the burden of costs will consume the funds that we had previously available to us to bring in people who could do this kind of research that I mentioned to you.

Mr. Devenow:

Could we also make the other assumption that they also could provide more funds if you wanted to go that way?

Dr. Balcerzak:

That might be true if the past history had shown me that that would occur, but I worry about it happening. It may happen, but with the lack of certainty in the

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MEDICAL PRACTICE PLAN (contd)

Dr. Balcerzak: (contd)

plan or at least--I guess what I want to say is--the lack of input from the faculty in the present plan, I am concerned that the real needs will not be seen and that there will be uses for the funds that are not really maximal uses for the College of Medicine.

Mr. Hilliker:

So what you are saying in effect, doctor, is that you would not trust a finance committee of your department to create a budget as to what direct costs should be incurred to receive practice income.

Dr. Balcerzak: What I am saying is--

Mr. Hilliker:

Because what we are attempting to do is get it at the very level that you are talking about and maybe keep it away from some other levels where there would be some less thoughtful allocations.

Dr. Balcerzak:

I think that is a good first step, but what I would like to see is more authority in that committee so that there are some final decisions that can be made by the people who are directly involved. I mean, after all, why do you have a faculty in the College of Medicine? I think you bring that faculty in to do the three missions that we talked about so many times. They are pretty good at it; yes, there are some clunkers around but most of them are pretty good at it. They ought to have a bigger voice in it. Don't construct a plan that denies them or gives them such a small voice as to be almost patronizing.

Mr. Hilliker:

I think the voice will be the same or maybe will increase, but it will become more of a departmental voice and less of an individual voice.

Dr. Balcerzak:

My fear is that the department will be squeezed between the expenses as viewed by the dean and the administration and--

Mr. Hilliker: And the department chairmen and the finance committee.

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MEDICAL PRACTICE PLAN (contd)

Dr. Balcerzak:

Yes, and that monies, for example, the Department of Medicine will have these major expenses in the clinic. Now you have just heard that it's uncertain as to how much credit we are going to get in teaching and research. My guess is that the departments are not going to make out very well with that.

President Enarson:

Mr. Chairman and members of the Board, later today I will be presenting some preliminary outlines for the budget. We will be coming up fairly soon with a budget for the upcoming year. This giant enterprise currently has an operating budget of roughly \$300 million to \$387 million. I won't burden you or bore you with the uncertainties that we face; uncertainty is a way of life. I don't know what the General Assembly is going to vote. I don't know what Columbus and Southern Ohio is going to determine as our fuel bill.

Earlier drafts were faulted, rebuffed, rejected, scorned because they provided a certitude. Now in delicious irony a program, a proposal, a plan is faulted because it doesn't provide precision. The deans of the respective 16 colleges will be meeting with Provost Kuhn here in ever-intensifying reviews of programs and budgets. As you know, we get our funds from the General Assembly, from student charges, indirect costs, gifts, etc. Once that dollar sum is aggregated, we face the painful choice of deciding between conflicting and competing resources, and we do our best within the limits of human frailty to support and sustain the entire enterprise. But you ask for a certainty. Many if not most of your colleagues in other areas of the college won't support it at all.

It seems to me that--just to conclude this--this morning's presentations illuminate unintentionally, far better than I could have had I had a written outline, some of the deep divisions within the college; divisions which are not going to be reconciled in a third draft, a fourth draft, and a fifth draft. This Board is going to have to decide, whether it decides today or tomorrow or a week from now or a month from now, or whenever, after it feels it has as good of a grasp as it is likely to have of this complex and emotional ridden matter.

But if you will just forgive a personal note, I guess as President of this University, I live by faith; I live in the conviction that the Board will be fair. I don't know what this is--I don't expect you to be touched by this--but I really don't know what my salary will be next year. Indeed, I serve with the pleasure of the Board and the displeasure of the College of Medicine. I guess I just have learned to live with some degree of uncertainty because I have some faith in my colleagues.

It seems to me at the bottom you are expressing lack of faith that reasonable people can talk and discuss and learn from one another. I have to say once again

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MEDICAL PRACTICE PLAN (contd)

President Enarson: (contd)

to members of the Board and those of you out here is that this draft represents, to the best of the ability of the people who put it together, their grasp of what was least objectionable. And if we came back with a third and fourth draft, a draft which was acceptable to your department, but which you would again not speak up in support of, then we would have the different assemblage of people crying 'doom.' You leave us deadended, it seems to me.

Dr. Balcerzak:

No, Dr. Enarson--we are really--what I am asking for is a reciprocal trust, not just one-sided, and yes, I think we should have a practice plan.

Mr. Havens:

In this plan--I guess this question would be to Dr. Wall or anybody that he wants to speak to it--this plan calls for the disclosure of private income from the doctors, evidently to the dean, the department chairmen, and I guess independent auditors; is this acceptable to you?

Dr. Wall: No, sir.

Mr. Havens: Why not?

Dr. Wall:

Because it only applies to a limited number in our own college, only those that are MDs; it does not apply to anybody in any other college on a contractual agreement for his salary; it does not apply, I guess, to any administrators or anyone else. I--

Mr. Havens:

Do you object to the compulsory requirement of giving a percentage of that gross income to academic improvement in the first place?

Dr. Wall: A percentage is just another way of having an automatic disclosure.

Mr. Havens:

No, I am not saying that. I guess--let's cover the point in the first one--this plan requires each department to develop a plan subject to the approval of the dean for the use of academic improvement funds which are assessed from the practice income of the members in that department. You can assume it two ways, this plan calls for the income to be divulged, and therefore if they want 20 per cent,

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MEDICAL PRACTICE PLAN (contd)

Mr. Havens: (contd)

then obviously the gross income can be checked against the 20 per cent submitted; that's one way. Another way, I guess, is to do it on a basis of, you tell us what to do; you don't have to audit your income; and you just say I made X dollars and here is my 20 per cent; that's another way. Do those two methods make any difference to you or really are you objecting to giving 20 per cent of your gross income for academic enrichment?

Dr. Wall: We have not been.

Mr. Havens:

Then can I assume that you do not object to giving 20 per cent of your gross income to academic enrichment?

Dr. Wall: Many people have been doing that--

Mr. Havens: OK, I think I am hearing you--

Mr. Gushman:

Well, can we bring this to a close now since it is 12:25? Pardon me. Outside of the fact that we are freezing to death--all right, we will--I'll recess this meeting, and we will have an Executive Session to discuss some legal matters, and then we'll reconvene here at--we'll try to make it by 1:30; I think we can.

--O--

The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 78-89

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Rollo Clyde Baker

The Board of Trustees expresses its sorrow upon the death on October 24, 1977, of Rollo Clyde Baker, Professor Emeritus in the Department of Anatomy. Rollo Clyde Baker was born October 2, 1888, in Guernsey County, Ohio. Dr. Baker received his early education in a one room school house at Vanatta, Ohio, and later at St. Louisville and Utica, Ohio, high schools. Dr. Baker's skill and propensity for teaching began before his high school graduation when, at the age of sixteen, he taught in the school district of Echo, Ohio, and later, Chatham, Ohio. Dr. Baker entered The Ohio State University in 1911, thus beginning an association which was to continue many years beyond his "official" retirement in 1959.

Upon receiving a Bachelor of Arts degree in 1915, Dr. Baker was offered student assistantships in the Department of Geology and the Department of Anatomy. The Department of Anatomy was chosen, a decision which brought with it a close, personal and enduring friendship with Professor Francis Leroy Landacre. Dr. Baker had had a long interest in and study of anatomy, but had at one time considered a career in the ministry. Dr. Baker received his Master's degree under Dr. Landacre in 1917. He then joined the faculty of the Department of Anatomy as an Instructor where he served from 1918 to 1921. He progressed through the academic ranks serving as Assistant Professor from 1921 to 1928; Associate Professor from 1928 to 1932 and Professor from 1932 until his retirement. Between the years 1920 and 1927, Dr. Baker was granted periods of leave to complete his Doctor of Philosophy degree which he received in 1927 from the University of Chicago.

In 1933, he succeeded Francis L. Landacre as Chairman of Anatomy and Secretary of the College of Medicine. Dr. Baker held these posts until 1943 when he was named Acting Dean of the College of Medicine and Acting Director of Starling-Loving Hospital. During his two-year tenure as Acting Dean, Dr. Baker had to contend with the exigencies attendant to the war years. However, he rose above the problems to lay the basic groundwork and planning for the University Health Center.

In 1954, he was appointed Assistant Dean holding this post until his retirement in 1959. After retirement Dr. Baker served the College of Medicine in an advisory capacity and as a member of the Admissions Committee. Dr. Baker was also a member of the Faculty Council of the University as well as the Committee on Honorary Degrees.

March 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Rollo Clyde Baker (contd)

In the Summer Commencement of 1959, the University bestowed upon Dr. Baker The Ohio State University Distinguished Service Award. Additionally, in 1959 the College of Medicine alumni cited him for 44 years of loyal and devoted service to the College of Medicine.

It was as a teacher that Rollo C. Baker is best remembered. He was noted as a stimulating, dramatic and masterful lecturer on the subject of human anatomy. He taught with an almost evangelistic verve. His vivid descriptions and remarks enlivened with his characteristic wit and humor came to be known as "Bakerisms" by his former students.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Stanley T. Hardy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death February 13, 1978, of Stanley T. Hardy, Associate Professor on the Academic Faculty of Management Sciences, College of Administrative Science.

Professor Hardy was born December 10, 1928. He received his undergraduate education at Purdue University and his M.B.A. at the University of Akron. His Ph.D. was obtained at Michigan State University in 1969. He was a member of the management sciences faculty of The Ohio State University since his appointment as an Assistant Professor in 1965.

Professor Hardy's research interests were in the areas of production and operations management, maintenance, postal operations systems, and he was an innovator in the area of materials requirements planning. His work in multi-stage inventory systems has been particularly important in gaining new insights on production, inventory, and purchasing strategies. He had close ties with both the purchasing and production planning fields.

In 1977 the Undergraduate Student Forum honored Professor Hardy with the Outstanding Teaching Award. Noted for his innovative teaching methods, Professor Hardy was an advisor of production and operations management students and coordinator of the Association of Industrial Production Students in the College.

Professor Hardy was most generous in providing assistance, support and counsel to junior colleagues which contributed to their professional development. He was active and held office in many professional organizations such as the Midwest Academy of Management, the American Production and Inventory Control Society, the National Association of Purchasing Management, and was a major contributor in developing the American Institute of Decision Sciences.

March 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Stanley T. Hardy (contd)

On behalf of the University Community, the Board of Trustees expresses to the family of Stanley T. Hardy its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

Eva Marie Williamson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 6, 1978, of Miss Eva Marie Williamson, Instructor Emeritus, Cooperative Extension Service.

Miss Williamson was born February 3, 1904, in Sugar Creek Township, Greene County, Ohio. She graduated from Bell Brook High School in 1920 and went on to Miami University where a Bachelor of Science in Education degree was granted in 1927. Postgraduate work was pursued at Ohio University and a Master's degree secured at Cornell University in 1953.

Miss Williamson joined the faculty of The Ohio State University as a County Extension Agent, Home Economics, in Jackson County on June 1, 1938, following ten years of vocational home economics teaching experience in Scioto and Greene Counties. Miss Williamson retired from the position of County Extension Agent, Home Economics, in Jackson County on July 31, 1966, with over twenty-eight years of superior service.

Miss Williamson was a dedicated and highly respected home economics educator for the Extension Service. She was well known and respected among her peers on the Extension faculty and served the University in a commendable fashion. She was recognized as an excellent teacher and an excellent organizer of continuing education programs.

On behalf of the University, the Board of Trustees expresses to her close friend its deep sympathy and sense of understanding in her loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees as an expression of the Board's heartfelt sympathy.

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MEDICAL PRACTICE PLAN

Resolution No. 78-90

Synopsis: Medical Practice Plan is being proposed.

WHEREAS the Board of Trustees resolved, on June 8, 1977, that the President of this University be directed, after due consultation, to develop a single, appropriate practice plan for its medical faculty;

March 3, 1978 meeting, Board of Trustees

MEDICAL PRACTICE PLAN (contd)

WHEREAS the President appointed a committee on September 9, 1977 to develop, in consultation with the medical faculty, a proposal for such a medical practice plan; and

WHEREAS this committee has now completed its work and presented its report and recommendations; and

WHEREAS adoption of the proposed medical practice plan and the committee's recommendations is recommended by the President of the University and the Dean of the College of Medicine:

NOW THEREFORE

BE IT RESOLVED, That the proposed Medical Practice Plan and Policies Governing Faculty Professional Fee Income is approved and adopted for full implementation not later than July 1, 1979; and

BE IT FURTHER RESOLVED, That the Dean of the College of Medicine is directed, with the assistance of the Office of Budget and Resources Planning, to reallocate the University's general funds budgets within the College of Medicine to achieve a more equitable pattern of total compensation for faculty in the College, to promote the College's research and teaching objectives, and further to meet the objective stated in the Medical Practice Plan.

Dr. Sirak moved, and Mrs. James seconded the motion, for the adoption of the foregoing resolution.

A motion to table the Medical Practice Plan resolution was made by Dr. Jacob. The motion failed for lack of a second.

The original motion on the resolution to adopt the Medical Practice Plan as proposed was approved with seven affirmative votes and one negative vote cast by Mr. Havens.

--O--

ESTABLISHMENT OF THE JOHN W. GALBREATH CHAIR IN REAL ESTATE

Resolution No. 78-91

Synopsis: Establishment of an "Endowed Chair" in the College of Administrative Science is being proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs," which was subsequently modified March 3, 1972, and renamed "Endowed Chairs"; and

WHEREAS a gift to The Ohio State University Development Fund in the amount of \$1,045,322.00 from members and friends of The Ohio Association of Realtors in honor of Mr. John W. Galbreath, has been received for the establishment of "The John W. Galbreath Chair in Real Estate"; and

March 3, 1978 meeting, Board of Trustees

ESTABLISHMENT OF THE JOHN W. GALBREATH CHAIR IN REAL ESTATE (contd)

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished scholar and researcher in real estate with appointment to the Galbreath Chair to be recommended by the Dean of the College of Administrative Science to the Provost and approved by the Board of Trustees; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for real estate education after consultation with faculty in the real estate area:

NOW THEREFORE

BE IT RESOLVED, That "The John W. Galbreath Chair in Real Estate" be established in accordance with the wishes of the donors.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--O--

AMENDMENT TO BYLAWS OF THE BOARD OF TRUSTEES

Resolution No. 78-92

Synopsis: Amendment of Article IV, Section 1, of the Bylaws of the Board of Trustees is being proposed.

WHEREAS Article IV, Section 1, sets forth the definition of the terms *Faculty* and *University Faculty*; and

WHEREAS the membership criteria of the University Senate requires clear definition of the terms: *Faculty*, *University Faculty*, *Regular Faculty*, *Auxiliary Faculty*, and *Emeritus Faculty*; and

WHEREAS the "legislative authority to establish educational and academic policies" is vested in the University Faculty by Article IV, Section 2, of the *Bylaws of the Board of Trustees*; and

WHEREAS emeriti do not participate in the legislative process at the departmental, college, or university levels, and such participation is desired from instructors; and

March 3, 1978 meeting, Board of Trustees

AMENDMENT TO BYLAWS OF THE BOARD OF TRUSTEES (contd)

WHEREAS the executive heads of offices serving on the President's staff are appropriate non-academic positions for policy establishment:

NOW THEREFORE

BE IT RESOLVED, That the proposal from the University Senate approved at the meeting January 14, 1978, be approved.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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MODIFICATION OF RULES OF THE UNIVERSITY FACULTY

21.05 (Faculty, Governance, and Committees), 25.01 (Faculty), 25.05 (Secretary), 25.07 (Meetings), 25.09 (Quorum), 25.11 (Vote), 29.2735 (University Calendar Committee), 29.2736 (Committee on Public Safety), 35.07 (Marks), and New Rule 25.02 (University Faculty)

Resolution No. 78-93

Synopsis: Modification of certain faculty rules and the addition of a new rule is being proposed.

WHEREAS Rule 28.19 of *Rules of the University Faculty* sets forth procedures for amending Rules which require the approval and recommendation by the University Senate before transmission to the Board of Trustees for consideration; and

WHEREAS the University Senate at the meeting held January 14, 1978, approved modification of several rules and the addition of a new rule as set forth on the following pages and summarized as follows:

Rules 21.05, 25.01, 25.05, 25.07, 25.09, 25.11

These rules are concerned with the definition of the terms: *Faculty, University Faculty, Regular Faculty, Auxiliary Faculty, and Emeritus Faculty.*

Rule 25.02

This new rule defines University Faculty.

Rule 29.2735

The University Calendar Committee is responsible for making recommendations pertaining to the University Calendar and the schedule of official holidays must be coordinated with the Vice President for Personnel Services--rule is modified to include representation from the Office of Personnel Services.

March 3, 1978 meeting, Board of Trustees

MODIFICATION OF RULES OF THE UNIVERSITY FACULTY (contd)

21.05 (Faculty, Governance, and Committees), 25.01 (Faculty), 25.05 (Secretary), 25.07 (Meetings), 25.09 (Quorum), 25.11 (Vote), 29.2735 (University Calendar Committee), 29.2736 (Committee on Public Safety), 35.07 (Marks), and New Rule 25.02 (University Faculty) (contd)

Rule 29.2736

The Committee on Public Safety is responsible for making recommendations pertaining to the Public Safety Program of the University and the Director of Public Safety is now represented on this Committee.

Rule 35.07

The W-Withdrew grade is modified to bring it in line with Rule 37.15 which was amended at the December 8, 1977 meeting.

NOW THEREFORE

BE IT RESOLVED, That the changes in the *Rules of the University Faculty*, as proposed by the University Senate, be adopted.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--o--

REPRINTED BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 78-94

Synopsis: Reprinted Bylaws of the Board of Trustees and Rules of the University Faculty are proposed for acceptance.

WHEREAS the publication entitled *Bylaws of the Board of Trustees and Rules of the University Faculty*, has been reprinted to conform to the changes approved by the Board of Trustees since the last publication in April, 1977; and

WHEREAS pursuant to Section 111.15 of the Ohio Revised Code, the Legislative Reference Bureau shall adopt, amend, and rescind any rules that are necessary to provide a uniform Ohio Administrative Code; and

WHEREAS Section 111.15 of the Ohio Revised Code was amended in the 112th General Assembly and signed by the Governor on August 5, 1977; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees; and

BYLAWS

ARTICLE IV

The Faculty and Staff

Section 1. University Faculty; membership.

As used in these *Bylaws* and in the *Rules of the University Faculty*, the term *Faculty* shall include persons with regular, auxiliary, and emeritus faculty titles on full or part-time appointments with or without salary.

For purposes of the legislative authority described in Section 2, of this Article, the term *University Faculty* shall mean all regular faculty, the President, members of the President's staff serving at his pleasure and designated as executive heads of offices, the deans of the colleges and of the Graduate School, and the Vice Provost for Arts and Sciences.

RULES

20.00. FACULTY, GOVERNANCE, AND COMMITTEES

21.05. Election of Faculty and Staff; Tenure.

The Board of Trustees shall annually appoint the President, and all employees of the University not in the classified civil service, subject to the laws of the State of Ohio and, in the case of regular faculty, to the rights and protection of tenure. Tenure may be earned by all teachers with regular faculty status subject to a probationary period. Regular faculty status is defined in Rule 25.01. Tenure is lost by formal resignation, by retirement, or may be terminated by reason of proved incompetence or grave misconduct in accordance with Rule 21.07 or for causes set forth in Rule 21.03.

25.00. FACULTY

25.01. Faculty.

As used in these Rules the term faculty shall include persons appointed by the Board of Trustees with regular, auxiliary, and emeritus faculty titles on full or part-time appointments, with or without salary.

Section 1. Regular faculty: Persons with the titles of Professor, Associate Professor, Assistant Professor, and Instructor who serve on appointments totaling 50 per cent or more service to the University.

Section 2. Auxiliary faculty: Persons with Adjunct titles, Clinical titles, Visiting titles, Lecturers; also Professors, Associate Professors, Assistant Professors and Instructors who serve on appointments totaling less than 50 per cent service to the University.

Section 3. Emeritus faculty: Persons who have served the University continuously as regular faculty for at least ten consecutive years who, upon retirement, were recommended by the Chairman, Dean and Provost for emeritus status.

25.02. University Faculty.

For purposes of the governance functions described in Rules 25.03 through 25.13, the term University Faculty shall mean all regular faculty, the President, members of the President's staff serving at his pleasure and designated as executive heads of offices, the deans of the colleges and of the Graduate School, and the Vice Provost for Arts and Sciences.

25.05. Secretary.

The Secretary of the University Faculty shall be appointed by the President, either from the University Faculty or by designation of some person holding an official position in the University. The Secretary shall keep the records of the meetings of the University Faculty and of the University Senate (in accordance with Rule 28.15) and shall furnish to the President for report to the Board of Trustees all matters passed by the University Faculty requiring Board of Trustees approval or action.

RULES

25.07. Meetings.

Meetings of the University Faculty shall be held as needed during the school year. These meetings shall be held on call of the President, either on his own motion or on request (a) of the University Senate or (b) of the University Faculty. The request of the University Senate shall be by action taken at any meeting of the University Senate. The request of the University Faculty shall be by petition signed by members of the University Faculty (see Rule 25.02) in a number equal at least to ten per cent of the total membership of the University Faculty. The President shall have a reasonable time to call the meeting after receiving the request.

For the purpose of Rules 25.07 and 25.09, this total membership of the University Faculty shall be determined as of the October 1 preceding the date on which the petition is filed.

25.09. Quorum.

Thirty per cent of the total membership of the University Faculty (see Rule 25.02) shall constitute a quorum for the transaction of business.

25.11. Vote.

Only members of the University Faculty (see Rule 25.02) shall be eligible to vote at a meeting of the University Faculty.

RULES

29.2735. University Calendar Committee.

Section 1. The University Calendar Committee shall be a standing committee of the University Senate and shall be advisory to the Council of Deans. (See Rules 11.1501--Council of Deans and 39.00--University Year.)

Section 2. The University Calendar Committee shall consist of fourteen members as follows:

- a. Six members of the University Faculty, at least one of whom must be a Senate member, shall be nominated by the faculty membership of the Senate and shall be subject to confirmation by vote of the Senate. The term of office shall be three years commencing July 1 following confirmation, the terms to be staggered so that two members retire each year. A faculty member completing a full term shall be ineligible for reelection for one intervening year.
- b. Four members shall be students: one graduate student appointed by the President of the Council of Graduate Students with the approval of the Council of Graduate Students; one professional student appointed by the President of the Inter-Professional Council with the approval of the Inter-Professional Council; and two undergraduate students appointed by the President of the Undergraduate Student Government with the approval of the Undergraduate Student Government. At least one of the undergraduate students must be a member of the University Senate. Each student member shall be appointed for a one-year term and shall be eligible for immediate reappointment;
- c. The Provost or his designee;
- d. A representative of the Council of Deans;
- e. The Assistant Vice President for Registration Services, or his designee, ex officio;
- f. The Vice President for Personnel Services, or his designee, ex officio.

Section 3. The University Calendar Committee shall be responsible for making recommendations pertaining to:

- a. Preparation and review of the University Calendar;
- b. Study of the comparative advantages and disadvantages of the quarter system and alternative systems; and
- c. Development of improved quarter-end validation procedures.

Section 4. The University Calendar Committee shall report to the University Senate at least once a year. Prior to the end of its third year of existence, the committee shall present to Senate a report covering the role, structure, and functioning of the committee, including any recommendations for change(s). (B/T 1/10/75)

RULES

29.2736. Committee on Public Safety.

Section 1. The Committee on Public Safety shall consist of eleven members as follows:

- a. Two members of the University Faculty, nominated by the Faculty Membership of the Senate;
- b. Two Administrators nominated by the President;
- c. Two staff members appointed by the Vice President for Business and Administration;
- d. Two Undergraduate Students nominated by the Undergraduate Student Government;
- e. One Graduate Student nominated by the Council of Graduate Students;
- f. One Professional Student nominated by the Inter-Professional Council; and
- g. The Director of Public Safety, or his designee, ex officio, non-voting.

Section 2. The University Faculty, Administrator, Undergraduate Student, Graduate Student and Professional Student nominees shall be subject to confirmation by vote of the Senate. Faculty, Administration and Staff members shall serve for terms of two years, one of the two members in each category retiring each year. Student members shall serve for one-year terms. The Committee shall elect its own Chairperson who will serve in this capacity until replaced by election of another member.

Section 3. The Committee on Public Safety shall be responsible for making recommendations, and for hearing grievances, criticism and other testimony, pertaining to the public safety program of the University. The University Ombudsman shall refer matters of wide concern relative to the public safety program to the Committee on Public Safety for its consideration.

Section 4. The Committee on Public Safety shall hold at least one annual open hearing to receive information from interested persons with concerns about the public safety program and shall report to the University Senate at least once each year. (B/T 3/5/76)

35.07. Marks.

W-Withdrew.

This mark is used for students withdrawing from one or more courses or from the University.

See Rule 37.15 for procedures and provisions governing withdrawals.

March 3, 1978 meeting, Board of Trustees

**REPRINTED BYLAWS OF THE BOARD OF TRUSTEES AND
RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS all rules which must be filed under the provisions of Section 111.15 of the Ohio Revised Code must be filed in compliance with the format requirements of the Legislative Reference Bureau; and

WHEREAS Section 111.15 of the Ohio Revised Code became effective November 4, 1977, and The Ohio State University in order to comply with said law must file two copies of the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* with the Legislative Reference Bureau and two copies with the Secretary of State no more than 120 days following this date; and

WHEREAS the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* have been reprinted in compliance with the format requirements of the Legislative Reference Bureau:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* be adopted as the official publication of the Board of Trustees.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**THE CENTER FOR VOCATIONAL EDUCATION RENAMED
THE NATIONAL CENTER FOR RESEARCH IN VOCATIONAL EDUCATION**

Resolution No. 78-95

Synopsis: It is proposed that The Center for Vocational Education be renamed The National Center for Research in Vocational Education.

WHEREAS The Center for Vocational Education at The Ohio State University was established and initially funded in March, 1965, under Section 4 (c) of the Vocational Education Act of 1963; and

WHEREAS The Center is now recognized as a successful nationally oriented, university-based research and development center in vocational and career education; and

WHEREAS on January 16, 1978, a grant in the amount of \$4,499,968.00 was received from the Department of Health, Education, and Welfare, and The Ohio State University was designated as The National Center for Research in Vocational Education:

March 3, 1978 meeting, Board of Trustees

**THE CENTER FOR VOCATIONAL EDUCATION RENAMED
THE NATIONAL CENTER FOR RESEARCH IN VOCATIONAL EDUCATION (contd)**

NOW THEREFORE

BE IT RESOLVED, That the name of The Center for Vocational Education be changed to The National Center for Research in Vocational Education.

Upon motion of Mrs. James, seconded by Dr. Sirak, the foregoing resolution was adopted by unanimous voice vote.

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BUDGET SUMMARY (SECOND QUARTER 1977-78)

Resolution No. 78-96

Synopsis: The second quarter budget summary report of the current funds budget is presented for review.

WHEREAS the second quarterly report of the 1977-78 current funds budget which is presented for review by the Board of Trustees incorporates the final determination of subsidy earnings on all campuses by the Ohio Board of Regents and these subsidy earnings do not differ materially from subsidy estimates reported to the Board in November, 1977; and

WHEREAS many resource and expenditure estimates have been revised as actual data for the first two quarters of 1977-78 became available. These revisions were minor except for sponsored research programs administered by The Ohio State University Research Foundation, University Hospitals, and other sponsored public service programs so that estimates of sponsored research programs were revised upward to reflect changes in the volume of grants and contracts received and sponsored public service programs were revised upward to reflect changes in volume of grants and contracts received, especially in recognition of the receipt of the \$4.5M grant for The National Center for Research in Vocational Education and estimates of income and expense of University Hospitals were revised downward reflecting a lower volume of activity than originally anticipated; and

WHEREAS except for these above revisions, there are not significant changes to the current funds budget submitted to and approved by the Board of Trustees on November 4, 1977;

NOW THEREFORE

BE IT RESOLVED, That the accompanying quarterly budget report be accepted.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Budget Approved November 4, 1977	Proposed Revised Budget March 3, 1978
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$132,886	\$134,229
Libraries	7,355	7,374
Other Academic Support	2,344	2,351
Sponsored Programs Administration	2,070	2,070
Student Services	6,841	6,860
Plant Operation	22,368	22,411
Institutional Support	18,076	18,118
Total Instruction and General	\$191,940	\$193,413
Sponsored Research		
Research Foundation	\$ 19,480	\$ 21,300
Engineering Experiment Station	2,433	2,433
University Sponsored Programs	700	700
Other	2,361	2,361
Total Sponsored Research	\$ 24,974	\$ 26,794
Public Service		
University Hospitals	\$ 74,248	\$ 73,226
Cooperative Extension Service	16,950	16,950
University Sponsored Programs	2,353	2,353
Other	14,257	16,687
Conferences	1,915	1,915
Total Public Service	\$109,723	\$111,131
Scholarships and Fellowships	\$ 5,408	\$ 5,408

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Budget Approved November 4, 1977	Proposed Revised Budget March 3, 1978
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 17,829	\$ 17,829
Intercollegiate Athletics	7,547	7,947
University Bookstores	4,263	4,263
Student Health Service	2,246	2,246
Student Unions	2,210	2,210
Parking Facilities	2,046	2,046
University Airport	1,668	1,668
Fawcett Center for Tomorrow	1,329	1,329
Other	937	937
Total Auxiliaries	\$ 40,075	\$ 40,475
TOTAL COLUMBUS CAMPUS	\$372,120	\$377,221
Regional Campuses		
Administration	\$ 168	\$ 171
Lima Campus	2,086	2,046
Mansfield Campus	2,251	2,219
Marion Campus	1,334	1,313
Newark Campus	2,003	2,023
Agricultural Technical Institute	2,232	2,233
Wright Patterson Graduate Center	185	185
Total Regional Campuses	\$ 10,259	\$ 10,190
GRAND TOTAL	\$382,379	\$387,411

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1977-78 BUDGETS
(IN THOUSANDS)

	Provisional Estimated Income November 4, 1977	Revised Estimated Income March 3, 1978
Columbus Campus		
Government Appropriations		
State of Ohio	\$127,321	\$128,095
Federal	44,451	46,971
County	4,081	4,081
Subtotal	\$175,853	\$179,147
Student Fees		
Instruction and General	\$ 53,625	\$ 54,640
Room and Board	14,875	14,875
Other	2,173	2,173
Subtotal	\$ 70,673	\$ 71,688
Other Income		
Auxiliary Sales and Charges	\$ 94,589	\$ 92,939
Department and University Services	17,891	17,891
Endowment Income	2,811	2,806
Gifts and Grants	11,410	13,210
Temporary Investments	2,100	2,100
Subtotal	\$128,801	\$128,946
TOTAL COLUMBUS CAMPUS	\$375,327	\$379,781
Regional Campuses		
Lima Campus	\$ 2,405	\$ 2,398
Mansfield Campus	2,548	2,519
Marion Campus	1,514	1,506
Newark Campus	2,358	2,289
Agricultural Technical Institute	2,402	2,402
Wright Patterson Graduate Center	185	185
TOTAL REGIONAL CAMPUSES	\$ 11,412	\$ 11,299
GRAND TOTAL	\$386,739	\$391,080

March 3, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF CENTRAL OHIO CENTER FOR
ECONOMIC EDUCATION AT THE OHIO STATE UNIVERSITY**

Resolution No. 78-97

Synopsis: Establishment of the Central Ohio Center for Economic Education at The Ohio State University is proposed.

WHEREAS the Central Ohio Center for Economic Education will be located at The Ohio State University; and

WHEREAS the Center will be affiliated with the Ohio Council of Economic Education and the Joint Council on Economic Education; and

WHEREAS the Center will function within the College of Education and the priority of the Center will be to establish programs for the purpose of providing more and better quality economic education in grades kindergarten through twelve and the Center will provide leadership and resources to integrate economic content into legislatively mandated programs, occupational choice and consumer education; and

WHEREAS the objective of the Center with respect to the community will be to increase the level of economic understanding of all citizens:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University be designated as the Central Ohio Center for Economic Education for the period July 1, 1978 through June 30, 1981.

Upon motion of Mrs. James, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

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**AUTHORIZATION FOR THE ACTING TREASURER OF THE UNIVERSITY
TO SERVE AS TRUSTEE FOR UNITRUSTS AND ANNUITY TRUSTS**

Resolution No. 78-98

Synopsis: Authorization for Acting Treasurer of The Ohio State University to serve as Trustee for Unitrusts and Annuity Trusts.

WHEREAS The Ohio State University Development Fund has requests for the University or its designee, to serve as Trustee of charitable remainder unitrusts or charitable remainder annuity trusts, in order to minimize the expense of the trust by not having a bank serve as Trustee:

NOW THEREFORE

March 3, 1978 meeting, Board of Trustees

**AUTHORIZATION FOR THE ACTING TREASURER OF THE UNIVERSITY
TO SERVE AS TRUSTEE FOR UNITRUSTS AND ANNUITY TRUSTS (contd)**

BE IT RESOLVED, That the Acting Treasurer of The Ohio State University be and he is hereby authorized to serve as Trustee for any charitable remainder unitrusts and charitable remainder annuity trusts in which The Ohio State University is the charitable remainder beneficiary; and to execute as Trustee and on behalf of the University, any and all documents approved by University legal counsel, which are required to complete such gifts.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 78-99

Synopsis: Awarding of an honorary degree is being proposed.

WHEREAS the President after consultation with the Steering Committee of the University Senate pursuant to Rule 11.05, has approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

Philip Handler

Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with this recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 78-100

Synopsis: In addition to the regular personnel actions taken since the last meeting the following Retirement, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the February 3, 1978 meeting of the Board, including the following Retirement, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1977-78, be approved.

Upon motion of Mrs. James, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

March 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Retirement

ERNEST W. LEGGETT, University Treasurer, will retire from his position, effective March 1, 1978.

Appointments

Name: LEONARD V. COOK
Title: Acting University Treasurer
Office: Business and Administration
Effective: March 1, 1978
Salary: \$27,960.00
Present Position: Assistant University Treasurer, The Ohio State University

Name: WILLIAM H. HALL
Title: Director, Residence and Dining Halls
Office: Residence and Dining Halls
Effective: February 16, 1978
Salary: \$33,000.00
Present Position: Director of Administration and Operations, Residence and Dining Halls, The Ohio State University

Leaves of Absence Without Salary

SYLVAN G. FRANK, Associate Professor, College of Pharmacy, effective August 30, 1978 through September 19, 1978, and March 18, 1979 through July 15, 1979, to accept an appointment as Visiting Professor at The Swedish Institute for Surface Chemistry in Stockholm.

WARREN R. VAN TINE, Associate Professor, Department of History, effective April 1, 1978 through June 30, 1978, to accept an appointment as a Senior Fulbright Lecturer at the University of New England in Armidale, New South Wales, Australia.

MARJORIE E. MURFIN, Assistant Professor, University Libraries, effective February 8, 1978 through March 8, 1978, for personal reasons.

Professional Improvement Leaves

DESMOND L. COOK, Professor and Chairman, Academic Faculty of Educational Development, effective Spring Quarter 1978 and Summer Quarter 1978.

ANTHONY G. GREENWALD, Professor, Department of Psychology, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

CHARLOTTE S. HUCK, Professor, Academic Faculty of Early and Middle Childhood Education, effective Spring Quarter 1978 and Summer Quarter 1978.

ESTHER A. MEACHAM, Professor, School of Home Economics, effective Spring Quarter 1978 and Summer Quarter 1978.

March 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

BRADLEY M. RICHARDSON, Professor, Department of Political Science, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

FRANCIS R. ALLAIRE, Associate Professor, Department of Dairy Science, effective Spring Quarter 1978 and Summer Quarter 1978.

SYLVAN G. FRANK, Associate Professor, College of Pharmacy, effective Autumn Quarter 1978 and Winter Quarter 1979.

Emeritus Titles

JOHN T. BONNER, JR., Vice President Emeritus, Office of Educational Services, effective April 1, 1978.

ERNEST W. LEGGETT, Treasurer Emeritus, Office of Business and Administration, effective March 1, 1978.

FRANKLIN R. BUCHANAN, Associate Professor Emeritus, Academic Faculty of Educational Development, effective January 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-101

Synopsis: The report on contracts, grants, and gifts and the summary for January is presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of January, 1978, be approved.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER, 1977

Source	No. of Projects	Support Level
The Ohio State University Development Fund	5,853 Donors	\$3,362,480.04

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JANUARY, 1978

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 19,732.00
The Ohio State University Research Foundation	65	8,524,678.50
The Engineering Experiment Station	1	50,000.00
		\$8,594,410.50
The Ohio State University Development Fund	845 Donors	\$ 96,969.68
Establishment of Named Funds		
The James W. Shocknessy Scholarship Fund (Undergraduate students)		\$108,916.56
Forbes Leadership Award and Scholarship Fund (Department of Food Science and Nutrition)		10,000.00
The Martin W. Essex Scholarships for Graduate Education in Educa- tional Administration (Doctoral candidates in Educational Administration)		5,645.00
Department of Agronomy Weed Science Endowment Fund (Department of Agronomy)		5,500.00

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	No. of Donors	1976	No. of Donors	1977	% Change from 1976
		Level of Support		Level of Support	
Annual Giving Group	35,313	\$ 850,088.98	44,389	\$1,087,685.45	28
Major Resources Group					
Deferred Gifts	46	1,688,979.60	46	2,651,666.01	57
Major Individual Gifts	946	2,360,398.54	1,413	2,013,056.54	(15)
Corporate Gifts	853	2,041,246.61	1,764	3,051,323.07	50
Foundation and Non-Profit Organization Gifts	667	2,325,392.53	760	2,418,149.37	4
Totals	2,512	\$8,416,017.28	3,983	\$10,134,194.99	20
Totals	37,825	\$9,266,106.26	48,372	\$11,221,880.44	21

March 3, 1978 meeting, Board of Trustees

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contract/Grant

\$9,857.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration on Aging, Washington, D. C., Consortium to Expand Use of Retired Technician as Volunteers to Strengthen Occupational Education in Post-Secondary Institutions, The Center for Vocational Education, August 1, 1977 through July 31, 1978. (Grant No. 90-A-1157, Amendment No. 1)

Industrial and Other Contract/Grant

\$9,875.00 - Council of Chief State School Officers, Office of Special Projects, Washington, D. C., Evaluation Assistance to the Council of Chief State School Officers' Career Education Project, The Center for Vocational Education, effective October 25, 1977.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$4,499,968.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A National Center for Research in Vocational Education, The Center for Vocational Education (R. E. Taylor), 16 January 1978 through 15 January 1979. (RF 761008 - New)

\$286,902.00 - Department of the Army, U. S. Army Mobility Equipment Research and Development Command, Ft. Belvoir, Virginia, Development of a Subterranean Radar for Tunnel Location, ElectroScience Laboratory, Department of Electrical Engineering (L. Peters), 25 June 1976 through 25 December 1978. (Project 784460 - Continuation)

\$270,335.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Clearinghouse on Science, Mathematics and Environmental Education, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 January 1978 through 31 December 1978. (Project 710946 - New)

\$200,000.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 1 November 1977 through 30 June 1979. (Project 784712 - Continuation)

\$156,056.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Departments of Medicine (H. E. Wilson) and Radiology (F. Batley), 1 January 1978 through 31 December 1978. (Project 761094 - Continuation)

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$134,662.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Fluid Dynamics of Multiple Nozzle Arrays and Radial Flow Diffusers, Department of Aeronautical and Astronautical Engineering (S. L. Petrie, J. D. Lee), 1 January 1978 through 31 December 1978. (Project 760340 - Continuation)

\$131,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., USAF-ASEE Summer Faculty Research Program, Department of Aeronautical and Astronautical Engineering (C. D. Bailey), 1 October 1977 through 30 September 1978. (Project 784350 - Continuation)

\$91,000.00 - Department of the Army, U. S. Army Research Institute for the Behavioral and Social Sciences, Washington, D. C., Investigations of Cognitive Control Processes in Conditioning, Department of Psychology (D. D. Wickens), 1 November 1977 through 31 October 1980. (Project 710843 - New)

\$90,000.00 - Environmental Protection Agency, Washington, D. C., A Kinetic Study of Simulated SO₂, NO_x, RH-Polluted Atmospheres, Department of Chemistry (J. G. Calvert), 1 January 1978 through 31 December 1978. (Project 710939 - Continuation)

\$86,956.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Information Processing for Target Detection and Classification, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski), 1 January 1978 through 31 December 1978. (Project 783815 - Continuation)

\$80,998.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Transonic Wind Tunnel Experiments on Oscillating Airfoils, Department of Aeronautical and Astronautical Engineering (S. L. Petrie), 1 October 1977 through 30 September 1978. (Project 784406 - Continuation)

\$75,349.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1978 through 31 January 1979. (Project 711006 - Continuation)

\$71,473.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology (D. R. Meyer, P. M. Meyer), 1 January 1978 through 31 December 1978. (Project 710958 - Continuation)

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$70,597.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody, Department of Surgery (J. Cerilli), 1 January 1978 through 31 December 1978. (Project 710952 - Continuation)

\$69,767.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Studies of Trailing Edge Flows, Department of Aeronautical and Astronautical Engineering (S. L. Petrie), 1 February 1978 through 31 January 1979. (Project 711001 - New)

\$53,042.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Detail Characteristics of Coronary Blood Flow, Departments of Aeronautical and Astronautical Engineering (R. M. Nerem), Veterinary Clinical Sciences (W. W. Muir), and Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 January 1978 through 31 December 1978. (Project 710969 - Continuation)

\$52,000.00 - Department of Energy, Argonne, Illinois, Kinetics of Ionizing Radiation Induced Reactions, Department of Chemistry (R. F. Firestone), 1 December 1977 through 30 November 1978. (Project 710871 - Continuation)

\$45,048.00 - U. S. Nuclear Regulatory Commission, Washington, D. C., Steady and Transient Natural Convection in Enclosed Fluid Layers with Volumetric Energy Sources, Department of Mechanical Engineering (F. A. Kulacki), 1 October 1977 through 30 September 1978. (Project 710968 - Continuation)

\$43,710.00 - Department of the Army, Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul), 25 October 1977 through 24 October 1978. (Project 710839 - New)

\$42,200.00 - National Endowment for the Humanities, Washington, D. C., Music in Medieval Life and Culture, School of Music (R. Hoppin), 1 January 1978 through 30 September 1978. (Project 710942 - New)

\$40,000.00 - National Endowment for the Humanities, Washington, D. C., Translation of an 1875 Russian Folk Riddle Collection, Department of Slavic Languages and Literatures (D. F. Robinson, A. C. Bigelow), 1 October 1977 through 30 September 1980. (Project 710831 - New)

\$39,870.00 - National Endowment for the Humanities, National Foundation on the Arts and Humanities, Washington, D. C., Language, Department of Linguistics (A. Zwicky), 1 October 1977 through 28 February 1978. (Project 710833 - New)

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,601.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 16 January 1978 through 15 January 1979. (Project 710964 - Continuation)

\$32,576.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Subsonic Wing Aerodynamics Study, Departments of Aeronautical and Astronautical Engineering (G. Gregorek) and Aviation (G. S. Weislogel), 1 December 1977 through 31 August 1978. (Project 710957 - New)

\$32,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Compressible Subcritical Airfoil Design and Test, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 15 January 1978 through 14 October 1978. (Project 710872 - New)

\$30,000.00 - Environmental Protection Agency, Washington, D. C., Phase II, Ohio River Basin Energy Study, Department of City and Regional Planning (S. I. Gordon), 1 September 1977 through 31 August 1978. (Project 710834 - Continuation)

\$29,366.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Antiarrhythmic Studies on 2-Substituted Aminoindenes, College of Pharmacy (R. G. Rahwan), 1 January 1978 through 31 December 1978. (Project 711000 - New)

\$28,125.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Rat Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1978 through 31 December 1978. (Project 710945 - Continuation)

\$26,924.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1978 through 31 December 1978. (Project 710938 - New)

\$24,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Modeling of Human Joint Structures, Department of Engineering Mechanics (A. E. Engin), 16 January 1978 through 17 February 1980. (Project 710961 - New)

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$14,385.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Courses entitled "Contract Law," "Cost and Price Analysis," "Contract Administration," "Termination Settlement," and "Formal Advertising and Multi-Year Procurement," Division of Continuing Education, Office of Educational Services (R. C. Dosky), 1 October 1977 through 31 March 1978. (Project 784378 - Continuation)

\$12,087.00 - National Science Foundation, Washington, D. C., The Stability and Age of the West Antarctic Ice Sheet, Institute of Polar Studies, Graduate School and Department of Geology and Mineralogy (D. H. Elliot, P. R. Kyle), 1 January 1978 through 31 December 1978. (Project 711003 - New)

\$11,381.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 October 1977 through 30 September 1978. (Project 710821 - Continuation)

\$1,651.00 - National Endowment for the Humanities, Washington, D. C., A Quantitative Historical Analysis of the Archbishop of Rouen's *Polyptychum*, Department of History (J. H. Lynch, D. E. Crabb), 1 October 1977 through 30 June 1978. (Project 710832 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$6,929,120.00
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State of Ohio Research Contracts/Grants

\$183,184.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1977 through 30 September 1978. (Project 710806 - New)

\$75,000.00 - State of Ohio, Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Coordination of Consultation and Training Services Among the University-Affiliated Facilities in Ohio, Nisonger Center for Mental Retardation, Office of Health Sciences (M. Guralnick), 1 October 1977 through 30 September 1978. (Project 710781 - New)

\$37,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, A Problem-Solving - Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 July 1977 through 30 June 1978. (Project 710921 - New)

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$29,354.00 - State of Ohio, Department of Health, Columbus, Ohio, Waiting Room Patient Education--A Demonstration Project, School of Allied Medical Professions (D. Stein), 1 October 1977 through 30 September 1978. (Project 710880 - New)

\$19,452.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, State of Ohio Facility Planning System, Academic Faculty of Management Science (L. Ritzman), 15 October 1977 through 14 July 1978. (Project 710838 - New)

\$13,114.00 - The Ohio Program in the Humanities, Columbus, Ohio, Focus on the Appalachians of Columbus, Ohio; A Video-presentation and Analysis, Phase II, Telecommunications Center, Office of Educational Services (E. Young), 6 December 1977 through 31 July 1978. (Project 710943 - New)

\$12,208.00 - The Ohio Program in the Humanities, Columbus, Ohio, Community Discussion Series on World Affairs (I and II): Man in a Changing World, Center for International Studies, Office of Academic Affairs (J. S. Adams), 6 December 1977 through 31 May 1978. (Project 710937 - New)

\$4,500.00 - State of Ohio, Commission on Aging, Columbus, Ohio, Doctoral Student/Aging Internship, College of Social Work (R. Washington), 1 October 1977 through 30 September 1978. (Project 710962 - New)

\$1,500.00 - Ohio Arts Council, Columbus, Ohio, American College Dance Festival Regional Festival at The Ohio State University, Department of Dance (H. P. Alkire), 1 February 1978 through 30 April 1978. (Project 710947 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$375,312.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$387,355.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Sludge Disposal on Farm Lands--An Epidemiologic Evaluation of the Risk of Infection, Department of Medical Microbiology (V. V. Hamparian), 1 October 1977 through 30 September 1980. (Project 710846 - New)

\$346,852.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Monitoring Public Health and Animal Health on Farms Receiving Sludge, Department of Veterinary Preventive Medicine (C. R. Dorn), 1 October 1977 through 30 September 1980. (Project 710842 - New)

\$83,782.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott, J. Young), 1 January 1978 through 31 December 1978. (Project 784652 - Continuation)

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$81,230.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine (A. L. Sagone, Jr.), 1 January 1978 through 31 December 1979. (Project 710934 - New)

\$57,000.00 - City of Columbus, Department of Development, Columbus, Ohio, Housing Counseling Program, Department of Psychology (J. Kaswan), 1 November 1977 through 31 October 1978. (Project 710840 - New)

\$45,470.00 - Danforth Foundation, St. Louis, Missouri, Citizens Network for Urban Education (Third Party Network), Academic Faculty of Educational Administration (R. O. Nystrand), 1 November 1977 through 31 May 1978. (Project 710922 - New)

\$39,600.00 - Financial Executives Research Foundation, New York, New York, FASB8: The Impact of Financial Management Behavior, Academic Faculty of Accounting (J. K. Shank), 1 September 1977 through 31 March 1978. (Project 710967 - New)

\$29,792.00 - Purdue University, West Lafayette, Indiana, ORBES (Ohio River Basin Energy Study) Phase II Core Team Representation and Coordination for Purdue University, Department of Mechanical Engineering (Nuclear Engineering) (R. E. Bailey), 1 September 1977 through 31 August 1978. (Project 710920 - New)

\$28,500.00 - The Camille and Henry Dreyfus Foundation, Inc., New York, New York, Early Start Program in Chemistry, Department of Chemistry, (D. W. Meek), 1 May 1978 through 30 April 1979. (Project 710935 - New)

\$24,482.00 - National Foundation for Ileitis and Colitis, Inc., New York, New York, Microbiological Studies in Crohn's Disease, Departments of Medical Microbiology (V. V. Hamparian, A. C. Ottolenghi, J. H. Hughes) and Medicine (H. S. Mekhjian), 1 January 1978 through 31 December 1980. (Project 710956 - New)

\$17,812.50 - VITA Treatment Center, Columbus, Ohio, VITA Drug Abuse Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1977 through 30 June 1978. (Project 710808 - New)

\$15,052.00 - Elsa U. Pardee Foundation, Midland, Michigan, Elemental Determination of Uncoated Tumor Tissue in the Fresh Frozen State by X-ray Probe Analysis, Department of Zoology (W. B. Parrish), 1 January 1978 through 31 December 1978. (Project 711004 - Continuation)

\$10,965.00 - Epilepsy Foundation of America, Washington, D. C., Effect of Phenobarbital on Developing Rat Brain, Department of Pharmacology (S. A. Tjioe), 1 January 1978 through 31 December 1978. (Project 710948 - New)

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$8,000.00 - City of Columbus, Department of Finance, Columbus, Ohio, Assistance in the Application of a Process Model for Increasing Municipal Manpower Effectiveness in a Labor Intensive Market, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 September 1977 through 31 August 1978. (Project 710966 - New)

\$8,000.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Hemodynamic Testing of Prosthetic Heart Valves, Department of Surgery (J. F. Cornhill), 1 January 1978 through 31 December 1978. (Project 710951 - New)

\$8,000.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Chronic Implantation of the Oxford Aortic Heart Valve, Department of Surgery (J. W. Kilman), 1 January 1978 through 31 December 1978. (Project 710950 - New)

\$6,500.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Physiologic Distribution of Digoxin in Uremia, College of Pharmacy (R. H. Reuning), 1 January 1978 through 31 December 1978. (Project 710963 - New)

\$6,300.00 - Steel Founders' Society of America, Rocky River, Ohio, Corrosion Resistance of Stainless Steel and Nickel-Base Alloys, Department of Metallurgical Engineering (F. H. Beck), 1 March 1978 through 31 December 1978. (Project 710960 - New)

\$6,000.00 - Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., An *In Vivo* Metabolism Study of Tetrahydroisoquinolines, Department of Pharmacology (L. K. Wong), 1 January 1978 through 31 December 1978. (Project 710959 - New)

\$5,598.00 - North Ridgeville School, North Ridgeville, Ohio, Assistance in the Preparation of a Long-Range Plan and Educational Specifications, Department of Educational Administration (R. O. Nystrand), 1 December 1977 through 31 May 1978. (Project 711008 - New)

\$3,956.00 - Bayvet Company, Division of Cutter Labs, Inc., Shawnee Mission, Kansas, Evaluation of Xylazine/Drug X, Department of Veterinary Clinical Sciences (W. W. Muir), 1 January 1978 through 31 December 1978. (Project 710999 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,220,246.50
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March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract/Grant

\$50,000.00 - Ohio Department of Energy, Columbus, Ohio, Remote Sensing Surveys of Energy Losses from Public Buildings, Department of Civil Engineering, December 1, 1977 through September 30, 1978. (EES 577)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$8,500.00 from Toledo Board of Realtors, Toledo, Ohio, for the John W. Galbreath Chair in Real Estate.

\$8,000.00 from E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Affirmative Action Program in Engineering.

\$6,000.00 from Galbreath Mortgage Co., Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from Endres Floral Company, New Philadelphia, Ohio, for the D. C. Kiplinger Chair in Floriculture.

\$5,000.00 from Mrs. Alice N. Kraus, Delaware, Ohio, for the Radio Telescope Research Fund.

\$5,000.00 from Dr. M. Henry Speck, Youngstown, Ohio, for the Drs. M. Henry and Myron E. Speck Fund.

Establishment of Named Funds

The James W. Shocknessy Scholarship Fund

The James W. Shocknessy Scholarship Fund was established March 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from James W. Shocknessy, devoted University Trustee from 1965 to 1974.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The principal of the endowment is to be kept intact and the annual income is to be used to provide scholarships for undergraduate students, without respect to their place of residence or origin. The President of The Ohio State University shall determine the basis upon which grants from the scholarship fund shall be made and shall select the undergraduate students to whom grants shall be made.

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Establishment of Named Funds (contd)

The James W. Shocknessy Scholarship Fund (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for undergraduate scholarships.

Forbes Leadership Award and Scholarship Fund

The Forbes Leadership Award and Scholarship Fund was established March 3, 1978, by the Board of Trustees of The Ohio State University Development Fund from The Benjamin P. Forbes Company through Benjamin F. Forbes, President.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to perpetuate their annual Forbes Leadership Award which goes to a senior in the Department of Food Science and Nutrition who possesses exceptional leadership qualities. In the event there are no qualified candidates, the income may accumulate or be used for financial support of undergraduate students or programs at the discretion of the Department Chairman subject to review by Benjamin F. Forbes or the person at the head of The Benjamin P. Forbes Company so long as said Corporation exists.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Food Science and Nutrition education.

The Martin W. Essex Scholarships for Graduate Education in Educational Administration

The Martin W. Essex Scholarships for Graduate Education in Educational Administration was established March 3, 1978, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends and colleagues of Martin W. Essex, Bachelor of Science in Education, '30, and Master of Arts, '34, of Columbus, Ohio, in recognition of his service as the State Superintendent of Public Instruction (1966-1977).

All gifts are to be invested in the University's Permanent Endowment, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

March 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Martin W. Essex Scholarships for Graduate Education in Educational Administration (contd)

Interest income may be used at the discretion of the Chairperson of the Academic Faculty of Educational Administration for the following purpose:

For the awarding of an annual prize to a doctoral candidate in Educational Administration who has exhibited a commitment to excellence through outstanding scholastic achievement and who intends to serve in an administrative capacity in the public elementary and secondary schools.

Should the Academic Faculty of Educational Administration cease to exist through any reorganization of the University, then the interest income will be used for scholarship aid as described above at the discretion of that University officer responsible for graduate education for administrative personnel in the public schools.

Department of Agronomy Weed Science Endowment Fund

The Department of Agronomy Weed Science Endowment Fund was established March 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from individuals, organizations, corporations, and other sources interested in the discipline of Weed Science.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide discretionary funds for the academic faculty of the Department of Agronomy with an interest in Weed Science for use in promoting, supporting and improving graduate studies in the Weed Science program of the Department of Agronomy. These funds may be used to provide for scholarship assistance, travel to professional meetings, program enhancement, faculty training, and equipment and publication needs as determined by the Chairman of the Department of Agronomy in consultation with those faculty members with responsibilities in directing graduate studies in Weed Science.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the Department of Agronomy as determined by the Board of Trustees, with preference being given to recommendations from the Chairman of the Department of Agronomy.

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March 3, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 78-102

Synopsis: Plans and specifications have been completed for the following project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval:

OHIO STADIUM REPAIRS 1978

Project: Continuation of the repairs to "C" deck, Sections 15, 17, 19, 21, and 23 of the Ohio Stadium. The most severely deteriorated sections of "C" deck were repaired in 1975 and 1977. The work on this project will continue the work necessary to prevent further deterioration of these areas.

Funding: Budget Account 316550 (Athletic Revenue)

Estimated Project Cost: \$270,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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TREASURER'S BOND

Resolution No. 78-103

Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS pursuant to Section 3335.05 of the Ohio Revised Code it is required that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines:

March 3, 1978 meeting, Board of Trustees

TREASURER'S BOND (contd)

NOW THEREFORE

BE IT RESOLVED, That the bond of Leonard V. Cook, Acting Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$500,000.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - FISCAL AFFAIRS COMMITTEE

Resolution No. 78-104

RENEWAL OF STUDENT HEALTH INSURANCE

Synopsis: Renewal of the Student Health Insurance program with Mutual of Omaha is recommended.

WHEREAS on June 4, 1976, the Board awarded a two-year contract (effective Autumn Quarter, 1976) to Mutual of Omaha to provide Student Health Insurance; and

WHEREAS the renegotiated contract will provide additional benefits as follows:

- Increase the annual preventive medicine benefit from \$25 to \$35
- Increase the surgical schedule from \$600 to \$800
- Increase the daily semi-private hospital maximum room rate from \$75 to \$90
- Increase the surgical fee for removal of an impacted tooth from \$30 to \$40; each remaining tooth from \$12 to \$20; and for soft tissue impaction, each tooth from \$12 to \$20

Additionally, the maternity benefit will be changed from immediate coverage to coverage effective only after the payment of three quarters of premiums; and

WHEREAS this coverage will be available on an optional basis to all registered students at the following premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 31.00
Student and spouse	67.00
Student, spouse and all children	107.00
Student and dependent child or children	71.00

and

March 3, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIR COMMITTEE (contd)

RENEWAL OF STUDENT HEALTH INSURANCE (contd)

WHEREAS this renegotiated Student Health Insurance contract has been recommended by the Subcommittee on Student Insurance of the Council on Student Affairs, ratified by the Council on Student Affairs and approved by the Office of the Vice President for Student Services:

NOW THEREFORE

BE IT RESOLVED, That Mutual of Omaha be awarded the renegotiated Student Health Insurance contract, effective the first day of classes, Autumn Quarter, 1978, for a period of two years. The contract will provide the benefit changes outlined above as well as those now available under the terms of the current contract.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT ON THE BUDGET - PRESIDENT ENARSON

Mr. Chairman and members of the Board, may I report very briefly on--try to highlight rather--the presentation which I made to the Fiscal Affairs Committee of the Board last evening. It is once again the season for budget preparation; we have identified the fixed cost increases; we have the benefit this time of knowing what dollars have been appropriated by the General Assembly; and, of course, we are refining as best we can, enrollment estimates. To go very quickly to the point, I am hopeful that as we get more deeply into the budget process we will be able to fund salary increases of 6½ per cent and possibly more for faculty and staff who now serve here and are returning. In this connection we will be giving prompt and urgent attention to a rather major recommendation which has been formally submitted to us by the Faculty Compensation and Benefits Committee. That committee has done a very thorough and systematic job in the last several years on this complicated question of the mix of direct salary and fringe benefits. They are now strongly recommending a program of tuition remission up to 75 per cent for the dependents of faculty. They are incidentally recommending this be done for those who have served a minimum of three years service. They are also recommending the identical benefit be extended to spouses. Quite properly they have spoken only to faculty concerns. As we reviewed this matter at the President's staff conference and at individual conferences that I have had with the Provost and others, including Madison Scott, Vice President for Personnel Services, we are persuaded that if such a benefit is to be provided, and it is deeply desired by faculty and staff in the interests of equity and fair treatment, it very likely should be extended to the entire work force of the University. Now we have considerable work to do with respect to costing out such a program. I do not propose to bring to the Board an open-ended commitment. Although when this matter first surfaced about two or three years ago, there seemed to be a general impression on

March 3, 1978 meeting, Board of Trustees

REPORT ON THE BUDGET - PRESIDENT ENARSON (contd)

the part of the faculty that one could add students in the classroom without added cost to the University. I think it is now clearly understood that when we talk of this, or any other fringe benefits, we are of necessity putting a price tag on it and it is bought and paid for. Dollars which are provided in fringe benefits are dollars that are not available for direct salary, so we will be refining that. I want to assure the Board on an additional score that in our discussions with the committee, I have stressed that in the press of other business, including the Medical Practice Plan, etc. that I have not had the opportunity to brief the Board as I would have wanted to do at an earlier date. So at such time as we come up with our budget, we will present this in considerable detail and we will ask that the leadership of the Faculty Compensation and Benefits Committee appear before the Board. One other comment on this particular benefit. It is a benefit which is in place in most, if not all, of the Big Ten institutions. It is in place at all of the senior institutions in Ohio with the exception of Cleveland State University and The Ohio State University. I don't think it would be helpful for me to argue the merits of this with you at this time, but we will be coming back to you with that matter.

Mr. Gushman:

On that subject, Mr. President, if I may, I think it would be unfair to you if I did not say that there are members of this Board who have distinct reservations about the cost of this in this time of tough dollars, and we won't try to cross that bridge today, but I would think it would be unfair if I didn't say to you that there is considerable question on my part which I have reason to believe some of the other Trustees may share.

President Enarson:

There are also philosophic concerns that some of you have expressed to me about a benefit which is related to marital status and to parenting.

Mr. Gushman:

And the scope of it beyond the faculty--you say we have a competitive problem with faculty. Where does that competitive problem begin and end? I don't know the answer to that, but I simply want to raise a caveat here that it will require a lot of study.

President Enarson:

Of course, the other key equation central in the eyes of students is the matter of fees, and of course at the time when inflation is running well over 6 per cent a year, if there is no increase in fees, then there is, in effect, a cut from our present analysis, both of income and expenditures, where we feel reasonably confident that we can hold any adjustment to a figure at or below the rate of inflation. Beyond that I think it would be unwise for me to comment. And that completes my report on last night's discussion, Mr. Chairman.

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March 3, 1978 meeting, Board of Trustees

THE ENERGY CRISIS - PRESIDENT ENARSON

I have the energy crisis and I think it is now abundantly evident that life is neither comfortable nor easy when the temperature is 60 degrees. I simply want every member of this Board to know what truly extraordinary cooperation this University has had as we faced the energy crunch. We have moved, in my judgment, with more force, with more determination, with more realism than a good many other institutions in this and other Ohio communities. We are, as of yesterday, operating at somewhere between 34 and 35 per cent below our general rate of electricity consumption in prior years. This has not been done without considerable discomfort that has gone on day after day after day. Some of us haven't had warm feet for months, though we happen to believe that the teaching/learning enterprise is important. It went on long before we had electricity and steam heat in this country and I would hope that we are tough enough to handle it. We have had excellent cooperation. We have had some disruption in schedules. There is no denying it. It is no fun to be President of the University and be forced by the nature of events to turn down the external lights at some risk in safety. It is certainly no fun to limit the hours of the Library. We have done it and we have also had--I want to make a special point of this--we have had excellent cooperation from student leadership. They have been enormously helpful and I simply think this University ought to stand proud for what it has done. And there has been considerable apprehension, as you would guess, about whether we are going to successfully succeed in completing the quarter. I think it is now fairly obvious that we not only intend to complete the quarter, but have the coldest March commencement on history on March 16 in St. John Arena. Whether a commencement ceremony can generate as much heat as OSU basketball, I leave to your imagination. And that completes my report.

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PROPERTIES OF THE UNIVERSITY AND ELECTION OF OFFICERS MR. GUSHMAN

I have two matters to comment on briefly. The subject of the properties of the University, not directly related to or contiguous to our educational facilities, was discussed, I believe, last night at the Fiscal Affairs Committee meeting; we are working on an interim report, and I suspect that we may at some point ask a task force with Trustees perhaps to visit some of these properties as we get down near the end and have questions about them. I think it would be appropriate for us to involve ourselves perhaps at that time.

The second thing is that there will be an election of officers of this Board at the May 5 meeting and I would like at this time to appoint a nominating committee, Jack Havens, Chairman, Jim Hilliker and Dr. John Jacob. Assuming you gentlemen will serve, I'll ask you to be prepared to report at the May meeting with recommendations to this Board.

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March 3, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 7, 1978, at the Mansfield Campus of The Ohio State University, Mansfield, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Mansfield Ohio, April 7, 1978

The Board of Trustees met at its regular monthly meeting on Friday, April 7, 1978, at The Ohio State University - Mansfield Regional Campus, Mansfield, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Vice Chairman, M. Merle Harrod, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, Donald J. Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

April 7, 1978 meeting, Board of Trustees

Dr. Sirak, Vice Chairman of the Board of Trustees, presided in Mr. Gushman's absence.

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Dr. Sirak, Vice Chairman, called the meeting of the Board of Trustees to order at 10:00 a.m. He requested the Secretary to call the roll. The meeting was recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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The meeting of the Board of Trustees reconvened at 10:30 a.m.

Dr. Sirak:

I will now reconvene the Board of Trustees meeting in public session. We are all delighted to be here and see this beautiful campus today. Nature certainly cooperated. The last time I was here it was snowing. However, this kind of weather gives us all a note of optimism that those incidentally who live in the 'sun belt' never have the pleasure of experiencing.

President Enarson:

Mr. Chairman and members of the Board; I, too, join with the Chairman in expressing pleasure at being here and surviving the winter where it was doubtful whether any of us would survive.

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-105

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Harrod, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Virgil Overholt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1978, of Virgil Overholt, Professor Emeritus of Agricultural Engineering. Professor Overholt retired in 1956, following 41 years of distinguished service to the University.

April 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Virgil Overholt (contd)

Professor Overholt was born at Bloomdale, Ohio, June 19, 1889. He taught elementary and high school prior to coming to O.S.U. He received his Bachelor of Science degree from Ohio State in 1915. In 1921-22 he engaged in graduate studies at the University of Wisconsin.

Professor Overholt was a nationally known authority in the field of water management in agriculture, and was known as "Mr. Drainage" in Ohio. In addition to being an outstanding classroom teacher, he educated farmers, drainage contractors, soil conservationists, and many others throughout Ohio. He developed plans and publications in drainage, farm ponds, home sewage disposal, rural water supply, erosion control and related fields.

Professor Overholt was a member of the American Society of Agricultural Engineers (ASAE), the Soil Conservation Society of America, and Gamma Sigma Delta. He was Chairman of the ASAE Soil and Water Division in 1936. Also active in church work, Professor Overholt was Faculty Advisor to the Albright-Otterbein Fellowship in 1950-54 and Chairman of the Board of Trustees of Fifth Avenue (Columbus) EUB Church in 1946-54. He was an Honorary Member of the Ohio Land Improvement Contractors' Association. He was awarded the ASAE John Deere Medal and was inducted into the Ohio Agricultural Hall of Fame.

Through his inspiring teaching, his warmth and human understanding of people, Professor Overholt gained the affection and respect of all who had contact with him. His positive and constructive attitude toward life will endure among his many friends and colleagues long into the future.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

Edmund M. Spieker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 6, 1978, of Edmund Maute Spieker, Professor Emeritus in the Department of Geology and Mineralogy. Dr. Spieker joined The Ohio State University faculty in 1927 and served until his retirement from formal teaching in 1965.

Dr. Spieker was born on February 25, 1895, in Baltimore, Maryland, and received the bachelor of arts degree and the doctorate from the Johns Hopkins University. Prior to assuming his teaching responsibilities, Dr. Spieker was employed as a geologist for Imperial Oil, Ltd., and the government of British Columbia; in addition, from 1917 to 1965 he served in various capacities as a member of the United States Geological Survey, which supported much of his original geological field work in Utah.

April 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edmund M. Spieker (contd)

While at the University, Dr. Spieker was Chairman of the Department of Geology from 1945 to 1952 and instrumental in the formation of the Institute of Geodesy, Photogrammetry, and Cartography, later to become the internationally known Department of Geodetic Science. He was also the founder of The Ohio State University Geology Field Station in Utah in 1947, appointed as Research Professor in 1952, and from 1962 to 1973, the Director of The Ohio State University National Science Foundation Summer Institute entitled "Geology and the Nature of Science."

Dr. Spieker was actively involved in many professional organizations including the American Association for the Advancement of Science, the Geological Society of America, and the Ohio Academy of Science. He served as a consultant to the Department of Defense from 1947 to 1955, on the American Commission of Stratigraphic Nomenclature from 1951 to 1953, and in 1950 and 1952 he was a Distinguished Lecturer of the American Association of Petroleum Geologists. In 1967 the government of Finland awarded Dr. Spieker the insignia of the Order of the Lion for his efforts in furthering Finnish-American relations.

During his career Dr. Spieker achieved distinction as one of the nation's foremost field geologists, recognized as an authority on the structure and stratigraphy of the transition zone between the Colorado Plateaus and the Great Basin in Utah. His extensive bibliography contains many important contributions to modern geology, most notably concerning the geologic time scale as it relates to the role of mountain building and the manner in which sediments reflect this process.

The Ohio State University awarded Dr. Spieker an honorary Doctor of Science degree in 1972 in recognition of his contributions to the teaching profession and the advancement of geological science. He was an inspirational teacher and scholar whose work has had a profound influence on geological research and exploration.

On behalf of the University community, the Board of Trustees expresses to the family of Edmund Maute Spieker its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

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CHANGE OF STATUS OF DIVISION OF HISTORY OF ART TO DEPARTMENT OF HISTORY OF ART

Resolution No. 78-106

Synopsis: Change of status of Division of History of Art to Department of History of Art as approved by the Senate is proposed.

WHEREAS pursuant to Paragraph (I) of Rule 3335-3-34 of the Administrative Code, Schools, Departments, Divisions, Academic Faculties, and Sections are established; and

April 7, 1978 meeting, Board of Trustees

**CHANGE OF STATUS OF DIVISION OF HISTORY OF ART TO
DEPARTMENT OF HISTORY OF ART (contd)**

WHEREAS the Division of History of Art fulfills all requirements for Department status as defined in University policies; and

WHEREAS the request for change of status has been approved by the faculty of the Division of History of Art and the College of The Arts; and

WHEREAS the Council on Academic Affairs supports the request for change of status:

NOW THEREFORE

BE IT RESOLVED, That the recommendation as approved by the University Senate at the meeting held March 11, 1978, be adopted.

Upon motion of Mr. Harrod, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**CHANGE OF TITLE FOR CHIEF ADMINISTRATORS AT REGIONAL CAMPUSES
OF THE OHIO STATE UNIVERSITY**

Resolution No. 78-107

Synopsis: Change of Title for the Chief Administrators of the four Regional Campuses of this University is being proposed.

WHEREAS this University has developed four Regional Campuses to provide greater educational opportunity to the people in those regions of the state; and

WHEREAS these campuses have now developed a broad range of programs and resident facilities; and

WHEREAS to provide greater recognition to development of these educational institutions and their relationship to the total University:

NOW THEREFORE

BE IT RESOLVED, That the title of the chief administrators at the four Regional Campuses--Lima, Mansfield, Marion, and Newark--be changed from Director to Dean and Director, effective July 1, 1978.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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April 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 78-108

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the March 3, 1978 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1977-1978, be approved.

Upon motion of Mr. Smith, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Appointments

Name: KATHRYN T. SCHOEN
Title: Vice President for Educational Services
Office: Educational Services
Effective: April 1, 1978
Salary: \$40,080.00 (twelve month)
Present Position: Vice President for Educational Services - Designee

Name: DOROTHY W. JACKSON
Title: Assistant Provost
Office: Academic Affairs
Effective: April 1, 1978
Salary: \$32,880.00 (twelve month)
Present Position: Assistant to Provost, Office of Academic Affairs

Name: KENT P. SCHWIRIAN
Title: Professor and Chairman
Department: Sociology
Effective: October 1, 1978
Salary: \$33,720.00 (nine month)
Present Position: Professor and Acting Chairman, Department of Sociology

Leaves of Absence Without Salary

DAVID O. EDWARDS, Professor, Department of Physics, effective April 1, 1978 through September 30, 1978, to accept invitation of the Ecole Normale Supérieure in Paris to work in laboratory on experiments on superfluid liquid helium and to attend International Conference on Low Temperature Physics to be held in Grenoble.

TIM M. BERRA, Associate Professor, Department of Zoology (Mansfield Campus), effective April 1, 1979 through December 29, 1979, to accept a Fulbright Senior Scholar Grant.

April 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

R. J. KRASNIEWSKI, Associate Professor, Academic Faculty of Accounting and School of Public Administration, effective April 1, 1978 through September 30, 1978, to accept a visiting professorship at Northwestern University.

ROBERT CARBONE, Assistant Professor, Academic Faculty of Management Sciences, effective January 1, 1979 through June 30, 1979, to accept a position as Visiting Professor with the Faculty of Administrative Science at Universite Laval, Quebec, Canada.

ROBERT C. FARENTINOS, Assistant Professor, Department of Zoology (Marion Campus), effective May 1, 1978 through April 30, 1979, to accept a temporary assignment with the U. S. Department of Commerce, National Oceanic and Atmospheric Administration.

PAUL L. WRIGHT, Assistant Professor, Cooperative Extension Service, effective March 16, 1978 through June 16, 1978, to pursue a program of professional improvement at University of Toledo.

PATRICIA EISENMANN, Instructor, Cooperative Extension Service, effective February 1, 1978 through August 31, 1978, to pursue a program of professional improvement.

JEFFREY D. LAYMAN, Instructor, Cooperative Extension Service, effective March 6, 1978 through September 24, 1978, to serve as a delegate to the Young Agricultural Specialist Exchange Program with the Soviet Union sponsored by the National 4-H Council in behalf of the Cooperative Extension Service.

ELIZABETH SOPPELSA, Instructor, Department of English, effective April 1, 1978 through September 30, 1978, for personal reasons.

RENATE L. VORIS, Instructor, Department of German, effective April 1, 1978 through June 30, 1978, for personal reasons.

Professional Improvement Leaves

ROBERT BREMNER, Professor, Department of History, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

WILLIAM DEWALD, Professor, Department of Economics, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

AAGE CLAUSEN, Professor, Department of Political Science, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

TIM M. BERRA, Associate Professor, Department of Zoology (Mansfield Campus), effective Winter Quarter 1979.

April 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

DAVID F. ROBINSON, Associate Professor, Department of Slavic Languages and Literatures, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

Emeritus Titles

RALPH L. BAKER, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective April 1, 1978.

ALBERT F. PREBUS, Department of Physics, with the title Professor Emeritus, effective July 1, 1978.

MARIAN E. HERMANCE, Department of Human Nutrition and Food Management, with the title Associate Professor Emeritus, effective April 1, 1978.

BETTY T. BROSCHE, Department of English, with the title Instructor Emeritus, effective April 1, 1978.

JAMES D. TAYLOR, Cooperative Extension Service, with the title Instructor Emeritus, effective April 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-109

Synopsis: The report on contracts, grants, and gifts and the summary for February are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Engineering Experiment Station and The Ohio State University Development Fund during the month of February, 1978, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1978

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	49	\$1,476,592.00
The Engineering Experiment Station	5	148,657.00
		\$1,625,249.00
The Ohio State University Development Fund	4,609 Donors	\$ 648,979.33
Establishment of Named Funds		
Frances E. Jones Memorial Scholarship Fund (The Ohio State University Alumnae Scholarship Houses)		\$17,976.09
The Merriss Cornell Memorial Fund (College of Social Work)		5,000.00
The Myrtle Cook Cray and Raymond E. Cray Scholarship Fund (College of Social Work and Department of Poultry Science)		1,000.00
The John O. and Elsie Jenkins Memorial Scholarship Fund (Undergraduate students)		

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$106,830.00 - National Science Foundation, Washington, D. C., A System for Complex Image Synthesis and Real-Time Display, Division of Art (C. A. Csuri), 1 February 1978 through 31 January 1979. (Project 784675 - Continuation)

\$93,187.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neuro-oncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology (A. Koestner), 1 February 1978 through 31 January 1979. (Project 711011 - Continuation)

\$91,943.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, CTS/Comstar Communications Link Characterization Experiment, ElectroScience Laboratory, Department of Electrical Engineering (D. B. Hodge), February 1978 through 31 January 1979. (Project 784299 - Continuation)

\$43,538.00 - National Science Foundation, Washington, D. C., Collaborative Research on Behavioral and Economic Foundations of Arms Races, Department of Economics (D. L. Brito), 1 January 1978 through 31 December 1979. (Project 711021 - New)

\$38,523.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Anthracycline Antitumor Agents, Department of Chemistry (J. S. Swenton), 1 February 1978 through 31 January 1979. (Project 711010 - New)

\$36,272.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Intracellular pH and Myocardial Electropharmacology, Department of Pharmacology (P. B. Hollander), 1 March 1978 through 28 February 1979. (Project 711031 - Continuation)

\$35,000.00 - National Science Foundation, Washington, D. C., Mediated Electron Transfers and Derivatized Electrode Surfaces, Department of Chemistry (T. Kuwana), 1 March 1978 through 28 February 1979. (Project 784694 - Continuation)

\$34,400.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. Wojcicki), 1 March 1978 through 28 February 1979. (Project 784375 - Continuation)

\$34,400.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1978 through 31 December 1979. (Project 784313 - Continuation)

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$32,645.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, A Fundamental Investigation of a Hybrid Technique for General Electromagnetic Scatterers and Antennas, ElectroScience Laboratory, Department of Electrical Engineering (G. A. Thiele), 1 February 1978 through 31 January 1979. (Project 784372 - Continuation)

\$32,554.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Flavoenzyme Mechanisms: Redox and Non-Redox Reactions, Department of Chemistry (M. S. Jorns), 1 March 1978 through 28 February 1979. (Project 711013 - Continuation)

\$31,983.00 - National Science Foundation, Washington, D. C., The Approximation Problems in Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1978 through 30 June 1979. (Project 784455 - Continuation)

\$29,300.00 - National Science Foundation, Washington, D. C., Microparticle Stratigraphy of Ice Cores from the Ross Ice Shelf, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and L. G. Thompson), 1 January 1978 through 31 December 1978. (Project 711016 - New)

\$28,844.00 - Department of the Army, U. S. Army Research and Development Command, Washington, D. C., The Synthesis of Certain 4'- and 5'- Modified Nucleosides as Potential Antitrypanosomal Agents, Department of Chemistry (J. A. Secrist, III), 15 February 1978 through 14 February 1979. (Project 711028 - New)

\$27,804.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Development Study of Congenital Glaucoma, Department of Veterinary Clinical Sciences (M. Wyman), 1 February 1978 through 31 May 1978. (Project 783830 - Continuation)

\$24,000.00 - Department of the Navy, Naval Ocean Systems Center, San Diego, California, Technical and Analytical Study of NOSC Acoustic Scattering Model, Department of Electrical Engineering (R. G. Kouyoumjian), 2 May 1977 through 1 May 1978. (Project 784720 - Continuation)

\$22,000.00 - National Science Foundation, Washington, D. C., Spectroscopy of Faint Sources, Department of Astronomy (A. E. Slettebak), 1 March 1978 through 29 February 1980. (Project 711024 - New)

\$19,850.00 - National Science Foundation, Washington, D. C., Student Science Training for High Ability Secondary School Students, Department of Engineering Graphics (L. F. Smith), 3 February 1978 through 31 October 1978. (Project 711029 - New)

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,500.00 - U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Chemical Characterization of the Antitumor Factor in the Clam *Mercenaria m.*, Department of Chemistry (D. Horton), 1 January 1978 through 31 December 1978. (Project 784631 - Continuation)

\$9,187.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Exploratory Observations of the Ultraviolet Spectra of Late-Type Stars, Department of Astronomy (R. F. Wing), 1 March 1978 through 28 February 1979. (Project 711026 - New)

\$9,000.00 - National Science Foundation, Washington, D. C., Weak Delay Lifetimes of Neutrino Produced Particles in a Tagged Emulsion Spectrometer, Department of Physics (T. A. Romanowski and N. W. Reay), 1 February 1978 through 31 January 1980. (Project 711009 - New)

\$7,800.00 - National Science Foundation, Washington, D. C., The Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 February 1978 through 31 January 1980. (Project 711020 - New)

\$4,565.00 - National Science Foundation, Washington, D. C., Adaptive Radiation in *Aeonium* (*Crassulaceae*) of the Canary Islands (Doctoral Dissertation), Department of Botany (D. J. Crawford and K. A. Evans), 1 February 1978 through 31 January 1980. (Project 711025 - New)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Nursing, Bethesda, Maryland, National Research Service Institutional Award, Department of Communication (D. J. Cegala) and School of Nursing (B. J. Garvin), 13 February 1978 through 12 February 1979. (Project 711019 - New)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, National Research Service Institutional Award, Department of Otolaryngology (D. J. Lim and D. E. Dunn), 19 September 1977 through 18 September 1978. (Project 710944 - New)

\$2,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advanced Transonic Airfoil Investigation Including Wall and Scale Effects, Department of Aeronautical and Astronautical Engineering (J. D. Lee and G. M. Gregorek), 18 August 1975 through 30 September 1977. (Project 784294 - Continuation)

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$103.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Region V, Developmental Disabilities Office, Chicago, Illinois, University Affiliated Facilities - Administration and Operation, Nisonger Center for Mental Retardation, Office of Health Sciences (V. L. Reynolds), 30 June 1977 through 29 June 1978. (Project 710559 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$819,218.00

State of Ohio Research Contracts/Grants

\$280,000.00 - State of Ohio, Department of Energy, Columbus, Ohio, Pilot Energy Extension Service, Cooperative Extension Service (G. R. Gist), 1 February 1978 through 31 July 1979. (Project 711035 - New)

\$25,000.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division--Infertility, Department of Obstetrics and Gynecology (M. H. Kim), 1 October 1977 through 30 September 1978. (Project 710804 - New)

\$2,000.00 - Ohio Arts Council, Columbus, Ohio, Six Ohio Artists, Arts Administration (B. Collings), 1 December 1977 through 1 December 1978. (Project 711032 - New)

\$1,355.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1977 through 30 September 1978. (Project 710806 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$308,355.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$100,000.00 - Sandoz-Wander, Inc., East Hanover, New Jersey, Immunological Studies of Reproductive Hormones, Department of Obstetrics and Gynecology (V. C. Stevens), 1 February 1978 through 31 January 1979. (Project 784127 - Continuation)

\$92,000.00 - National Association of College and University Business Officers, Washington, D. C., University Price Index Calculation System, Office of Budget and Resources Planning (G. W. Baughman), 30 September 1977 through 28 February 1979. (Project 710949 - New)

\$29,450.00 - Pierce Chemical Company, Rockford, Illinois, Use of Bound Enzymes and Affinity Chromatography in the Synthesis of Polypeptides, Department of Biochemistry (G. P. Royer), 1 January 1978 through 31 December 1978. (Project 784431 - Continuation)

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$14,483.00 - The Lalor Foundation, Wilmington, Delaware, Comparative Reproductive Physiology of the Estrous Cycle and Gestation in the Virginia Opossum, Department of Zoology (J. D. Harder), 1 April 1978 through 31 March 1979. (Project 711033 - New)

\$12,930.00 - United Cancer Council, Indianapolis, Indiana, Herpesvirus Induced Transplantation Antigens, Department of Medical Microbiology (J. H. Hughes), 1 January 1978 through 31 December 1978. (Project 711015 - New)

\$12,313.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking of Materials for Water Cooled Reactors, Department of Metallurgical Engineering (R. W. Staehle), 1 January 1977 through 31 December 1977. (Project 784152 - Continuation)

\$12,300.00 - Ohio Education Association, Columbus, Ohio, Professional Development Workshop for 1978, College of Education (D. P. Anderson), 1 January 1978 through 31 August 1978. (Project 711014 - New)

\$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1978 through 31 March 1979. (Project 784668 - Continuation)

\$9,958.00 - Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response, Department of Medicine (A. L. Sagone, Jr.), 1 January 1978 through 30 June 1978. (Project 783706 - Continuation)

\$9,500.00 - Electric Power Research Institute, Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristics of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1978 through 31 May 1978. (Project 784496 - Continuation)

\$8,943.00 - Carnegie-Mellon University, Pittsburgh, Pennsylvania, Marine Safety and Environmental Control: An Economic Analysis, Department of Economics (M. L. Visscher), 1 October 1977 through 31 July 1978. (Project 711007 - New)

\$8,366.00 - American Newspaper Publishers Association, Washington, D. C., Motivations As Predictors of Newspaper Reading, School of Journalism (L. B. Becker and E. L. Collins), 1 February 1978 through 30 June 1978. (Project 711023 - New)

\$7,708.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 1 January 1978 through 30 November 1978. (Project 711030 - Continuation)

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Examination of the Immunoregulatory Roles of Gangliosides in Man, Department of Medicine (R. L. Whisler), 1 January 1978 through 31 December 1978. (Project 711012 - New)

\$5,000.00 - China Council, The Asia Society, Inc., New York, New York, "Outreach" Program of Information Diffusion, Speaker Series, Film Series, and Other School-Community-Oriented Activities Relating to China, University Center for International Studies, Office of Academic Affairs (B. Richardson), 1 January 1978 through 31 December 1978. (Project 711018 - New)

\$3,648.00 - Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania, The Effect of Low Dietary Energy on Ovulation Frequency and Reproductive Endocrinology of the Ewe, Department of Zoology (J. D. Harder), 1 January 1978 through 31 December 1978. (Project 784357 - Continuation)

\$3,010.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1976 through 31 August 1978. (Project 784691 - Continuation)

\$1,400.00 - Branson Aircraft Corporation, Denver, Colorado, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 6 February 1978 through 31 March 1978. (Project 711027 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$349,009.00

ENGINEERING EXPERIMENT STATION

State of Ohio Research Contract

\$40,800.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Implementation of Pavement Design System, Department of Civil Engineering, March 1, 1978 through February 28, 1979. (EES 578)

Industrial and Other Research Contracts

\$56,971.00 - The Ohio State University - Office of Physical Facilities, Columbus, Ohio, for continued Study of Energy Conservation for University Buildings, Department of Mechanical Engineering, July 1, 1977 through June 30, 1978. (EES 468, Extension No. 5)

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Research Contracts (contd)

\$22,646.00 - City of Columbus, Division of Water, Columbus, Ohio, Derivation of Operation Policies for Reservoir Pumped Water Interties, Department of Civil Engineering, February 7, 1978 through February 6, 1979. (EES 579)

\$19,840.00 - American Iron and Steel Institute, Washington, D. C., continuation of Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1977 through April 30, 1978. (EES 307, Extension No. 12)

\$8,400.00 - Northern Telecom Canada Limited, Montreal, Quebec, continuation of Modeling Communication Cable Flammability Tests, Department of Chemical Engineering, January 1, 1978 through December 31, 1978. (EES 566, Extension No. 1)

TOTAL - INDUSTRIAL AND OTHER RESEARCH CONTRACTS \$107,857.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$58,500.00 from Eli Lilly and Company, Indianapolis, Indiana: \$38,500.00 for the Infectious Disease Research Fund and \$20,000.00 for the Clinical Pharmacology of Dobutamine - Eli Lilly Company.

\$50,000.00 from The Kiplinger Foundations, Inc., Washington, D. C., for the Willard M. Kiplinger Chair in Public Affairs Reporting.

\$45,500.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware: \$21,000.00 for the du Pont Fund for Research in Chemistry; \$14,000.00 for the du Pont Fund for Mechanical Engineering; and \$10,500.00 for the du Pont Fund for Research in Chemical Engineering.

\$39,984.00 from Mr. and Mrs. Robert L. Evans, Bidwell, Ohio, for the Cantor's Cave 4H Camp.

\$27,200.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$22,146.71 from Systems Associates, Columbus, Ohio: \$16,946.71 for the Department of Medicine General Fund and \$5,200.00 for the Cardiology Support Fund.

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$19,456.87 from The University Obstetricians & Gynecologists (given in the names of John Boutselis, M.D., Donald Bryan, M.D., Garth Essig, M.D., Moon H. Kim, M.D., Nicholas Teteris, M.D., Roberto Villalon, M.D., Frederick Zuspan, M.D., J. Hutchison Williams, M.D., and Carolyn Ann Copeland), Columbus, Ohio: \$17,569.40 for the EPR-OBS Fund and \$1,887.47 for the William E. Copeland Fund in Obstetrics and Gynecology.

\$17,846.01 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$14,970.00 from The Parker B. Francis Foundation, Hanover, New Hampshire, for the Parker B. Francis Foundation Fund.

\$13,041.10 from the Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$10,000.00 from Charities Foundation, Toledo, Ohio, for the Owens-Illinois International Fund.

\$10,000.00 from the George F. Lonz Foundation, Middle Bass, Ohio, for the George F. Lonz Foundation for Enology and Viticulture.

\$9,167.99 from Pulmonary Disease Division of the College of Medicine, Columbus, Ohio, for the Pulmonary and Respiratory Care Research Fund.

\$9,000.00 from Foundation for Endowment of a Chair at The Ohio State University, Inc. (given in the name of M. Riklis), New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$8,660.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$7,906.00 from The Chas. F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$7,000.00 from Nephrology Associates, Columbus, Ohio, for the Renal Disease Research Fund.

\$6,361.68 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates, M.D.), Columbus, Ohio, for the Eye Bank Fund.

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$6,000.00 from Eastman Kodak Company, Rochester, New York, for the Department of Industrial and Systems Engineering Manufacturing Processes Program.

\$6,000.00 from Springfield Board of Realtors, Inc., Springfield, Ohio, for the John W. Galbreath Chair In Real Estate.

\$6,000.00 from Summer & Co., Columbus, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$5,650.45 from Frederick H. Davidorf, M.D., Inc. (given in the name of Frederick H. Davidorf, M.D.), Columbus, Ohio: \$2,148.49 for the Ophthalmology Photography Fund; \$1,709.58 for the Retina Research Fund; \$1,000.00 for the Ophthalmology Art Work Rotary; and \$792.38 for the Operation Eye Research.

\$5,411.56 from Wayne E. Smith, Worthington, Ohio, for the Wayne E. and Mildred K. Smith Endowment Fund.

\$5,000.00 from The Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.

\$5,000.00 from Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

\$5,000.00 from The Ohio National Bank (given in the name of Robert G. Stevens), Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 from Ohio Quarter Horse Association, Inc., Richwood, Ohio, for the Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 from PPG Industries Foundation, Pittsburgh, Pennsylvania, for the Affirmative Action Program in Engineering.

\$5,000.00 from Union Bank and Trust Company, Grand Rapids, Michigan, for the Ohio Florists Association Special Fund.

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Frances E. Jones Memorial Scholarship Fund

The Frances E. Jones Memorial Scholarship Fund was established April 7, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Frances E. Jones, B.A. '27, M.A. '28, of Berkeley, California.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students residing in The Ohio State University Alumnae Scholarship Houses. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the officials responsible for the Alumnae Scholarship Houses.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

The Merriss Cornell Memorial Fund - College of Social Work

The Merriss Cornell Memorial Fund - College of Social Work was established April 7, 1978, by the Board of Trustees of The Ohio State University with a gift from his wife, Carol Kilmer Cornell, B.S.Soc.Ad. '47; and son, Christopher Kilmer Cornell, B.S.Ed. '70; and daughter, (Lucinda) Sarah Cornell, M.S.W. '76, to The Ohio State University Development Fund to honor the memory of Professor Merriss Cornell who served forty-two years as a teacher of research in the College of Social Work at The Ohio State University.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Two-thirds (2/3) of the annual income may be used by the College of Social Work to aid students specializing in social work research as follows: 1) Research scholarships to be awarded to students based on the excellence of their research proposals to enable them to complete their graduate thesis. These scholarships are to be known as THE PROFESSOR MERRISS CORNELL GRADUATE RESEARCH SCHOLARSHIPS; 2) A portion of the two-thirds (2/3) annual income is to be given each year to one graduate student in recognition of a significant research contribution to the field of social work and shall be called THE PROFESSOR MERRISS CORNELL DISTINGUISHED RESEARCHER AWARD; 3) One-third (1/3) of the annual income is to be added to principal each year.

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Establishment of Named Funds (contd)

The Merriss Cornell Memorial Fund - College of Social Work (contd)

All requisitions for funds will be approved by the Dean of the College of Social Work, based upon the recommendations of the research faculty of the College of Social Work.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever, as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for social work education.

The Myrtle Cook Cray and Raymond E. Cray Scholarship Fund

The Myrtle Cook Cray and Raymond E. Cray Scholarship Fund was established April 7, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Raymond E. Cray, M.S. '30, and Myrtle Cook Cray, B.S.Soc.Adm. '25, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

One-half of the annual income is to be used to provide scholarships for undergraduate or graduate students in the College of Social Work (Group Work) and one-half for students in the Department of Poultry Science, College of Agriculture and Home Economics, who have demonstrated academic ability and/or need for financial assistance. The income is to be added to principal until the \$5,000 level is reached. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Social Work and the Dean of the College of Agriculture and Home Economics.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Social Work and Poultry Science education.

The John O. and Elsie Jenkins Memorial Scholarship Fund

The John O. and Elsie Jenkins Memorial Scholarship Fund was established April 7, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Thomas A. Jenkins, B.S.Bus.Adm. '50, of Toledo, Ohio; Palmer L. Jenkins, B.S.Bus.Adm. '47, of Alamo, California; and John O. Jenkins, Jr., B.S. Ed. '40, M.A. '46, of Huntington Beach, California, and relatives and friends of the Jenkins family in honor of the parents, Mr. John O. Jenkins, Sr., and Mrs. Jenkins.

April 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Establishment of Named Funds (contd)

The John O. and Elsie Jenkins Memorial Scholarship Fund (contd)

Funds will be made available through the Jenkins Memorial Scholarship by income derived from the current and future gifts as may be realized and shall be used to provide a scholarship or scholarships of up to \$500 each pending the availability of funds to undergraduate students demonstrating academic ability and need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the University Committee on Student Financial Aid.

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PLANS AND SPECIFICATIONS

Resolution No. 78-110

Synopsis: Plans and specifications have been completed for one project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following project are presented for approval:

MANSFIELD CAMPUS--REPAIR PARKING LOT AND ACCESS DRIVES

Project:	Resurface with asphalt the North parking lot and access roads.
Funding:	Budget Account 885068 (Mansfield Campus Reserve - \$110,600, North Central Technical College - \$23,100)
Estimated Project Cost:	\$133,700.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedure; and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 7, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE

EMPLOYMENT OF CONSULTANT FOR EMPLOYEE BENEFITS

Resolution No. 78-111

Synopsis: Employment of consultant for employee benefits is being proposed.

WHEREAS in 1971 and again in 1973 Ohio State employed outside consultants to develop recommendations concerning the University's faculty/staff benefits programs and in 1971, the firm of Alexander and Alexander was engaged by the University to review the total insurance program of the University, with special emphasis on the faculty/staff benefits program; and

WHEREAS this report served as the basis for a number of subsequent program improvements and the Pritchett and Trieschmann Report in 1973 has also been helpful in evaluating the competitive position of the University's benefits program; and

WHEREAS both reports have proved very helpful and have enabled us to strengthen our program on the basis of this professional counsel; and

WHEREAS it is now essential to initiate a comprehensive evaluation of the various components of our total benefits program since costs associated with group insurance coverage and other benefits, especially in the area of health care, have risen significantly in recent years and also a number of new benefits concepts have been developed and introduced since the earlier studies were prepared; and

WHEREAS with the obvious complexities of such a comprehensive examination, it is proposed that a professional consultant be engaged to assist the University in this study and specifically, it is recommended that the following items be included in the study:

1. Review of our existing programs as to the relevance and mix of programs.
2. Consideration of the cost of benefits and "quality" of these programs.
3. Comparisons with benefits programs of other comparable institutions of higher education.
4. Analysis of various options and alternatives available.

NOW THEREFORE

BE IT RESOLVED, That the Board authorize the President and/or Vice President for Business and Administration to contract for the services of a consultant to provide a comprehensive examination of the University's faculty/staff benefits program, including but not limited to, the above items.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 7, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY INVESTMENT PORTFOLIO**

Mr. Devenow, Chairman of the Fiscal Affairs Committee, read the following statement as prepared by Mr. John F. Havens.

At your request and on behalf of this committee, I have spent the past several months working directly with Dr. Moulton reviewing our endowment investments as well as the policies relating to these investments. During this period I believe we have effected a number of constructive changes in our holdings which have substantially strengthened our position. Certainly the recent performance of our mutual funds, the Chicago Corporation stocks, and the stocks managed by the University have performed very favorably when compared to the current market. Dr. Moulton and I, with the assistance of an investments committee which he has formed, are now looking into our bond holdings in the endowment. We are presently in the process of interviewing bond counsel, and we hope to be able to make a recommendation to you in this regard in the next month or two.

At this time I would like to present to you several policy recommendations relating to our endowment investments for your consideration. The first relates to the size of our individual investments in the endowment.

Because of the present size of the portfolio--approximately \$60 million--I would recommend that a limit of approximately \$1 million be placed on our investments in any one corporation including its subsidiaries. Exceptions, of course, can be made by this committee to this rule. Further, I would not include within this specific policy investments in mutual funds and U. S. Treasury or Federal Agencies. At the same time, I would recommend a limit of approximately five per cent be placed on our portion of the total investment within a given corporation, including its subsidiaries. Mutual funds should be included within this policy.

I hope to be back to you in the near future with a recommendation on the matter of quality indices for our bond holdings which we are presently reviewing.

I would also like to suggest some further extensions of the general policies adopted by this board in July of last year, relating to investments in corporations conducting a significant level of business activity in South Africa.

First, I wish to recommend that we communicate to those corporations in which we have investments our full support of the Sullivan Principles (see page 460). Further, in those limited cases where the companies in which we have an investment have not as yet subscribed to these principles, we determine what these corporations' intent is in this regard. Based upon this information, and subsequent evaluations as to the economic progress and/or the lack thereof that each of the corporations in which we have an investment is making in implementing these principles, we will, if we do not believe it is sufficiently substantial, divest such holdings at a time of our choosing.

April 7, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY INVESTMENT PORTFOLIO (contd)**

Mr. Devenow: (contd)

Second, I would recommend that we not purchase investments in any corporation not supporting the Sullivan Principles which has been listed in *News for Investors* published by the Investor Responsibility Research Center, Inc., as a corporation conducting a significant level of business in South Africa.

At the same time we continue to vote our stock proxies in full support of the Sullivan Principles and, where possible, support the reduction in the level of the business activities in South Africa.

SULLIVAN PRINCIPLES

The "Sullivan Principles," a statement of principles governing activities in South Africa, was drawn up under the direction of Reverend Leon Sullivan, a member of the Board of Directors of General Motors.¹ Each corporation which agrees to adhere to the principles is committed to the following:

- * non-segregation of the races in all eating, comfort and work facilities;
- * equal and fair employment practices for all employees;
- * equal pay for all employees doing equal or comparable work for the same period of time;
- * the initiation and development of training programs that will prepare, in substantial numbers, blacks and other non-whites for supervisory, administrative, clerical and technical jobs;
- * an increase in the numbers of blacks and other non-whites in management and supervisory positions; and
- * improvement in the quality of employees' lives outside the work environment in such areas as housing, transportation, schooling, recreation and health facilities.

¹Source: U. S. Business and S. A.: The Withdrawal Issue; Special Report 1977-D, November, 1977. (Investor Responsibility Research Center, Inc.)

Mrs. James:

I would like to raise a question with regard to the Mutual Funds--when we discussed this matter back in July it was my understanding that we would not receive proxies through the Mutual Funds.

April 7, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY INVESTMENT PORTFOLIO (contd)**

Dr. Moulton: That is correct.

Mrs. James:

Then how can we follow through on these recommendations in our Mutual Funds.

Dr. Moulton:

We own the stock of three different Mutual Funds. We do not own any stock in the companies in which the Mutual Funds invest.

Mrs. James: So that what they do is beyond our control or suggestion?

Dr. Moulton: We can suggest our desires to the Mutual Funds manager.

Mr. Devenow: It's a tough problem, Pat.

Mrs. James: Then this policy would only affect \$10 million in our Portfolio?

Dr. Moulton:

No, it affects all of our Portfolio except the \$5 million presently invested in Mutual Funds.

Mrs. James: OK.

Mr. Harrod: Three Mutual Funds.

Dr. Moulton: Yes sir.

Mr. Devenow:

But we can be incisive in the areas in which we have complete control, we don't have control of the Mutual Funds.

Dr. Moulton: They vote the proxies.

Mrs. James:

They vote the proxies. Is there any way that if their activity conflicts with our policy here that we could make a decision to no longer invest with those Mutual Funds.

April 7, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY INVESTMENT PORTFOLIO (contd)**

Mr. Devenow:

Certainly, and probably will if that happens--if we get evidence to that effect.

Dr. Sirak: Is there any other discussion?

Mr. Smith:

Just on the South African policy, it's a reasonable policy and I support it. But I want the record to show that my position with regard to complete divestiture is still the same. I still support that but I will vote for the resolution.

Dr. Sirak:

I think what the Board is aiming at is not just specifically concerned with one country but all countries on a worldwide basis. What we're trying to do is use what are at first judgment the economic concerns and economic considerations in maintaining a Portfolio in consonance with the precepts of the Sullivan Principles.

Upon motion of Mr. Devenow, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT BY PRESIDENT HAROLD L. ENARSON

University Investment Portfolio:

Mr. Chairman and members of the Board: At the outset I would like to express my great appreciation for the action that you've just taken. It is a significant step forward and I think it will command a great deal of support by thinking people who bother to study this complex measure; who respond in a very practical, tangible way with a sense of moral outrage which, I am sure, that we all can feel. Incidentally, there are out of the 2,300 or so colleges and universities in the country, there are only a handful--less than--possibly only several which have gone to divestiture level. Some of the leading universities in the country are taking the kind of step that you took today.

Medical Practice Plan:

As you know, various members of the medical faculty have brought suit against the University to challenge this Board's action in adopting the Medical Practice Plan. Litigation on such matters is unfortunate. However, it is clearly their right to sue. Together with the University's answer and counter claims these suits are now in the hands of our respective attorneys, and the issues are squarely before the courts for final resolution.

April 7, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Medical Practice Plan: (contd)

Our society frequently turns to the courts to resolve important disputes--currently the Columbus community is awaiting a final resolution of its school desegregation case, and universities everywhere are awaiting what promises to be an extremely significant decision of the Supreme Court in the Bakke case. Whatever our personal views of these or other important and controversial issues, we must be prepared and willing to abide by the courts' judgments once these issues are properly before them. We are, of course, fully prepared to accept the courts' final decision in this practice plan litigation, even as we are in the literally dozens of other suits in which this University is involved. And we place this matter in the hands of our attorneys with full confidence that the best interests of the University will be protected and advanced.

With that in mind, we must leave this litigation in the hands of the courts and our respective attorneys, and must continue on with the work of the University--teaching, research and service--even as these suits are pending. Our work is far too important to be immobilized by this or any other conflict.

Energy:

The only other point I would make in my general report on the state of the University is that thanks to the support and understanding of the entire University community, not only on the Columbus campus but the Regional campuses, we survived the great blizzards and we survived the shortage of heat and light. We learned that it was possible to stay, possible to even write a memo when the temperature was 60 degrees. And I want once again to express publicly appreciation to the leadership in student government on campus because they helped us enormously in a difficult time.

Enrollment:

I am not ready to give you anything like a strong, firm estimate of what our enrollment will be next year. You can be assured that we're watching the application rates with great care and we see no alarm signals on the horizons. We are confident that we will be able to sustain our overall undergraduate enrollment; whether we will be able to sustain at present levels the graduate enrollment is something that we have, of course, under review. That completes my report, Mr. Chairman.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-112

RESOLVED, That the report on the University's Investment Portfolio dated March 31, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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April 7, 1978 meeting, Board of Trustees

REPORT - MANSFIELD REGIONAL CAMPUS

Dr. Sirak called on Vice President Mount to introduce the guests.

Mr. Mount introduced Dr. James B. Heck, Director of the Mansfield Campus, who in turn reviewed events on that campus, and then introduced Dr. Tim M. Berra, Associate Professor in the Department of Zoology, who spoke on behalf of the faculty of that Campus.

Miss Maureen Conley spoke on behalf of the students and expressed her complete satisfaction with the quality education she was receiving at the Mansfield Campus.

Speaking on behalf of the Mansfield Community was Mr. Richard Phillips, member of the Alumni Advisory Board and also a member of the Mansfield Citizens' Council.

Then the chairman of the Citizens' Council, Mrs. Penny Christman, expressed her pride at the work being done at the Mansfield Regional Campus as she review some of the outstanding events that had occurred since the Board met there five years ago.

President Enarson presented a gift to Mr. Charles A. Wagner, a participant in "Program 60," which is a program for senior citizens.

'Program 65' which we pioneered at The Ohio State University has been copied all over the country and which subsequently was legally mandated by the State of Ohio. We are extremely proud of this program and particularly proud to have a distinguished guest such as you come back and enjoy learning without really worrying about your next job. I thought *The Thurber Album* would be appropriate and I have inscribed it, 'to Charles A. Wagner who like Thurber never stopped learning and laughing. Best Wishes, Harold L. Enarson.'

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Dr. Sirak thanked all of the guests for attending the meeting.

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Thereupon the Board adjourned to meet Friday, May 5, 1978, at the Ohio Union, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Vice Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 5, 1978

The Board of Trustees met at its regular monthly meeting on Friday, May 5, 1978, at The Ohio State University - Ohio Union, Columbus, Ohio, pursuant to adjournment.

Present: John L. Gushman, Chairman, M. Merle Harrod, Howard D. Sirak, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

May 5, 1978 meeting, Board of Trustees

Mr. Gushman, Chairman, called the meeting of the Board of Trustees to order at 11:00 a.m. He requested the Secretary to call the roll. The meeting was recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

Mr. Gushman:

I will now reconvene the meeting of the Board of Trustees. I'll ask the secretary to note the attendance, again. All right, we will now ask Mr. Havens, the Chairman of the Nominating Committee to report.

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ELECTION OF OFFICERS

BOARD OF TRUSTEES

Resolution No. 78-113

Mr. Havens presented the following report on behalf of the Nominating Committee:

Mr. Chairman, the Nominating Committee appointed by the Chairman has met and wishes to present the following slate of officers for the Board of Trustees for election for 1978 - 79.

Howard D. Sirak, M.D., Chairman

Patricia D. James, Vice Chairman

Edward Q. Moulton, Secretary

Leonard V. Cook, Acting Treasurer

Respectfully submitted by the committee of Dr. Jacob, Mr. Hilliker, and Mr. Havens.

WHEREAS pursuant to Paragraph (B) of Rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting.

NOW THEREFORE

BE IT RESOLVED, That the foregoing slate of officers be nominated to serve as officers, effective May 14, 1978 through May 13, 1979.

Upon motion of Mr. Havens, seconded by Mr. Harrod, this slate of officers for 1978-79 was elected by unanimous roll call vote.

May 5, 1978 meeting, Board of Trustees

ELECTION OF OFFICERS (contd)

Mr. Gushman:

It is a delight to welcome the new officers, I'm pleased, of course, to see such a fine succession come aboard. I wish you both well, Pat and Howard, and I will join with your other colleagues and give you all the support we can. Good luck to you in the future.

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Mr. Gushman called upon Mr. Melvin Schottenstein, who had requested permission to speak on behalf of the United Way Campaign.

UNITED WAY CAMPAIGN Mr. Melvin L. Schottenstein

Thank you, Mr. Chairman, Trustees, President Enarson. My job this year in the United Way is Campaign Chairman for the City of Columbus and Franklin County where two thousand workers will be requesting contributions from some two hundred thousand people in the Franklin County area. United Way is not just another charity; it's the community charity, and businesses and universities and colleges are making exceptions for it and giving it attention and priority throughout our county and throughout our nation. Every time we collect a dollar for United Way, we get about seven more dollars worth of volunteer services coming into our county. Those services help all of us. They help university faculty, staff, and students.

Now the University area is an area that a lot of us in our city care a great deal about, and if we could get this part of the community really going with regard to United Way, I know the downtown community would feel good, and the interface would be good. I might even be so presumptuous as to suggest that you have professional fund-raisers. We work with them all the time in funding chairs, scholarships and buildings. If we could suggest that an exception be made for the United Way so that they might be used in a campaign like this, you would have dynamic results. So I guess I am saying that I appreciate what this University has done in the past for United Way, but we need to do better. The town needs to do better, and the University needs to do better. I am here to tell you that I'll be talking to some of you. I don't want to go into all the statistics now; I'd like you to review them though, and I think they could be vastly improved to the benefit of this University, its people and this town. Thank you very much.

Mr. Gushman: We appreciate your coming and good luck to you.

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May 5, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 78-114

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Harrod, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

John A. Slipher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 30, 1978, of John A. Slipher, Professor Emeritus, Cooperative Extension Service.

Mr. Slipher was born January 8, 1891, at Mulberry, Indiana. He attended high school at Frankfurt, Indiana, graduating in 1910. He attended both Purdue University and The Ohio State University and was awarded the Bachelor of Science in Agriculture degree from The Ohio State University in 1914. Graduate education was undertaken both at The Ohio State University and at the Graduate School of the United States Department of Agriculture.

Following graduation from college in 1914, Mr. Slipher became an Instructor in soils at Purdue University and was promoted to Assistant Professor in soils three years later. He held this position until 1920, when he became a Soil Technologist with the National Lime Association. Mr. Slipher left this position in 1923 to join the faculty of The Ohio State University as a Soils Specialist on October 1. His title was later changed to Extension Agronomist and then again to Extension Soil Conservationist, as he continued to work with the agricultural industry of Ohio. He retired from The Ohio State University as an Extension Soil Conservationist on February 28, 1959, following thirty-five years and five months of dedicated service to the institution. He had held the academic rank of Professor since 1940. Mr. Slipher was a pioneer in the development of the soil conservation movement in Ohio, and provided leadership and assistance in the organization and development of Ohio's 88 soil and water and conservation districts.

Honor and recognition continued to come his way, even into retirement. In 1969 he was awarded the Ohio Conservation Hall of Fame recognition, and in 1970 was named to the Ohio Agricultural Hall of Fame. Mr. Slipher will, indeed, long be remembered for his outstanding contributions to educational programs conducted by The Ohio State University and its Cooperative Extension Service.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Slipher its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and a copy be tendered to his family, as sincere appreciation of the Board's realization of the loss to the family, the University, and to his many friends and associates.

May 5, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Joseph William Spretnak

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 10, 1978, of Dr. Joseph William Spretnak, (Earl M. Tilton Professor), Department of Metallurgical Engineering. Dr. Spretnak gave 30 years of distinguished service to the University.

Dr. Spretnak received his primary and secondary education in Canton and Cleveland, Ohio. He earned a B.Sc. degree from The Ohio State University in 1938, a M.Sc. degree from Case Institute of Technology in 1940 and a Ph.D. degree from the University of Pittsburgh in 1948.

Dr. Spretnak's industrial experience includes three years as a Research Metallurgist for the National Malleable and Steel Castings Co., and five years as a member of the staff, Metals Research Laboratory, Carnegie Institute of Technology. In this capacity, he was Principal Investigator on a broad research and development program on all phases of cannon production for the Army. This work covered steelmaking, ingot practice, heat treating, and specifications for gun steels.

Since 1948, Dr. Spretnak has been Professor and Research Supervisor in the Department of Metallurgical Engineering at The Ohio State University. He was the author of 18 technical papers and a co-author for 66 other technical papers related to steel ingots, quench cracking of steels, mechanical properties at very low temperatures, interstitial solid solutions, the boron hardenability effect, oxidation of metals, vapor pressure of metals, metalworking, internal friction and fracture.

Special honors received include the AIME Graduate Student Paper Prize, the Henry Marion Howe Medal and the American Society for Metals Bradley Stoughton Teaching Award. In 1955, he was selected as one of the eight outstanding educators at The Ohio State University. In October, 1957, he was a member of an American Metallurgical delegation which toured the Soviet Union. In 1960, Dr. Spretnak was named Central Ohio Technical Man of the Year. In 1962, he toured the universities and research laboratories in Yugoslavia for the Department of State. He has lectured in Japan, United Kingdom, France and West Germany. Dr. Spretnak, in 1968, was named the Earl M. Tilton Professor of Metallurgical Engineering. He was a Fulbright-Hayes visiting lecturer in 1972 at the University of Ljeblijana, Yugoslavia. In 1973, he was elected Fellow of the American Society for Metals.

Since 1971, he served as advisor to the Newman Catholic Student Center adjacent to the campus. And since 1974, he was treasurer of the UNICEF Trick or Treat program for Franklin County.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

May 5, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Roland J. Stanger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 12, 1978, of Roland J. Stanger, Professor Emeritus in the College of Law. Professor Stanger retired in 1971, following 30 years of distinguished service to the University.

Professor Stanger was born in Detroit, Michigan, on October 7, 1910. He received the Bachelor of Arts degree from the University of Michigan in 1931, and was elected to Phi Beta Kappa. He received the Juris Doctor degree from the University of Michigan in 1934, and was elected to the Order of the Coif.

After private practice in New York City, Professor Stanger in 1939 joined the law faculty of Western Reserve University. He came to this University the following year. During World War II he was on leave to serve with the Board of Economic Warfare, and with the Foreign Economic Administration. After the war, he was Deputy Director of the Foreign Trade Administration, Government of Greece, during 1947-1948. He held the Chair of International Law at the Naval War College during 1958-1959, and was Professor of Public International Law at Haile Sellassie I University, Ethiopia, during 1965-1967.

Although Professor Stanger enjoyed a national reputation in the field of International Law, and served as Acting Dean of the College of Law in 1968, to several generations of law students he is their unforgettable instructor in the first-year course in contracts, his favorite course. Colleagues and friends will remember him as a tireless champion of civil liberties.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

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ELIMINATION OF DEPARTMENT OF BIOPHYSICS AND ESTABLISHMENT OF DIVISION OF SENSORY BIOPHYSICS

Resolution No. 78-115

Synopsis: Elimination of Department of Biophysics and establishment of Division of Sensory Biophysics is proposed.

WHEREAS the Department of Biophysics in the College of Biological Sciences does not meet the requirements for a Department as specified in Rule 3335-3-34 of the Administrative Code; and

WHEREAS the faculty of the College of Biological Sciences has voted to eliminate the Department of Biophysics; and

May 5, 1978 meeting, Board of Trustees

**ELIMINATION OF DEPARTMENT OF BIOPHYSICS AND ESTABLISHMENT OF
DIVISION OF SENSORY BIOPHYSICS (contd)**

WHEREAS the present Department of Biophysics does meet the criteria for a Division as specified in Rule 3335-3-34 of the Administrative Code; and

WHEREAS the expertise of the faculty in the present Department of Biophysics is more appropriately represented by the term, Sensory Biophysics; and

WHEREAS the faculty of the College of Biological Sciences has voted to establish in lieu of the Department of Biophysics, a Division of Sensory Biophysics which the Council on Academic Affairs subsequently supported:

NOW THEREFORE

BE IT RESOLVED, That the recommendation as approved by the University Senate at the meeting held April 8, 1978, to eliminate the Department of Biophysics and to establish the Division of Sensory Biophysics be adopted, with the change to become effective July 1, 1978.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**NEW LEVELS OF SUPPORT REQUIRED FOR
"ENDOWED CHAIRS" AND "ENDOWED PROFESSORSHIPS"**

Resolution No. 78-116

Synopsis: Support for "Endowed Chairs" raised from \$600,000 to \$750,000 - \$1,000,000 or more; for "Endowed Professorships" from \$150,000 to \$250,000.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs" and "Named Professorships," which were subsequently modified March 3, 1972, and renamed "Endowed Chairs" and "Endowed Professorships"; and

WHEREAS inflation and salaries of distinguished professors have risen rapidly during recent years; and

WHEREAS the levels of support for "Endowed Chairs" (\$600,000) and "Endowed Professorships" (\$150,000) no longer suffice to attract the distinguished faculty leadership the University requires:

NOW THEREFORE

May 5, 1978 meeting, Board of Trustees

**NEW LEVELS OF SUPPORT REQUIRED FOR
"ENDOWED CHAIRS" AND "ENDOWED PROFESSORSHIPS" (contd)**

BE IT RESOLVED, That support in the amount of \$750,000 to \$1,000,000 or more will be recognized by the establishment of a permanent "Chair" which will provide an enduring memorial to the donor and bear the donor's name or an appropriate name of the donor's designation. The fund will be invested in the University's endowment, and the income will be used to provide salary or program support for truly distinguished scholars in the academic field of the donor's interest;

BE IT FURTHER RESOLVED, That support in the amount of \$250,000 or more will be recognized by the establishment of a permanent "Professorship" which will provide an enduring memorial to the donor. The fund will be invested in the University's endowment and the income will be used to supplement the salary or provide program support for an outstanding member of the faculty in an academic discipline designated by the donor;

BE IT FURTHER RESOLVED, That annual support of \$45,000 or more will be recognized by designating a "Chair" for a specific term which will bear the name of the donor or an appropriate name of his designation. Similarly, annual support of \$15,000 or more will be recognized by designating a "Professorship." The donor will ordinarily be expected to guarantee support for a minimum period of three years. Annual funds provided for a distinguished "Chair" or "Professorship" will be used to provide faculty compensation and program support for distinguished faculty members who are appointed to these "Endowed Chairs" and "Endowed Professorships";

BE IT FURTHER RESOLVED, That this increase in support level for "Endowed Chairs" and "Endowed Professorships" shall not affect present "Endowed Chairs" and "Endowed Professorships" or "Chairs" or "Professorships" presently in the process of being developed.

Upon motion of Mr. Havens, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES--SPRING QUARTER COMMENCEMENT

Resolution No. 78-117

Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.

WHEREAS pursuant to Paragraph (E) of Rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with Rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

May 5, 1978 meeting, Board of Trustees

DEGREES AND CERTIFICATES--SPRING QUARTER COMMENCEMENT (contd)

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 9, 1978, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 78-118

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of the honorary degrees as listed below:

William A. Fowler	Doctor of Science
Ralph E. Kent	Doctor of Humanities
Lewis Mumford	Doctor of Humanities
Anna Sokolow	Doctor of Humanities
Mary A. Trautman	Doctor of Science
Milton B. Trautman	Doctor of Science

WHEREAS pursuant to paragraph (C) of Rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommends to the Board of Trustees awarding of the honorary degree as listed below:

Peter Jay	Doctor of Humanities
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NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Harrod, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 5, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 78-119

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the April 7, 1978 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1977-78, be approved.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Appointments

Name: DIETHER H. HAENICKE
Titles: Dean, College of Humanities, and
Professor, Department of German
Effective: October 1, 1978
Salary: \$47,040.00
Present Position: Vice President and Provost, Wayne State University, Detroit,
Michigan

Name: JAMES E. MEEKS
Titles: Dean and Professor
College: Law
Effective: July 1, 1978
Salary: \$50,040.00
Present Position: Professor, University of Iowa

Name: ROBERT J. LYNN
Title: Professor (James W. Shocknessy Professorship)
College: Law
Effective: October 1, 1978
Salary: \$49,520.00
Present Position: Professor, College of Law

Name: H. RICHARD BLACKWELL
Titles: Chairman, Division of Sensory Biophysics (50%), and
Director, Institute for Research in Vision (50%)
Effective: July 1, 1978
Salary: \$37,800.00
Present Position: Director, Institute for Research in Vision (100%)

Leaves of Absence Without Salary

MARTHA E. SUCHESTON, Associate Professor, Department of Anatomy, effective July 1, 1978 through June 30, 1979, for personal reasons.

BEVERLY DONAHEY, Instructor, Cooperative Extension Service, effective March 17, 1978 through April 16, 1978, for personal reasons.

May 5, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

CONNIE F. OWEN, Instructor, Cooperative Extension Service, effective April 17, 1978 through June 16, 1978, for personal reasons.

Professional Improvement Leaves

JACK FRYMIER, Professor, Academic Faculty of Curriculum and Foundations, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

ROBERT J. CASWELL, Associate Professor, School of Allied Medical Professions, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

Emeritus Titles

RICHARD R. DAVIS, Department of Agronomy, with the title Professor Emeritus, effective May 1, 1978.

KARL P. KLASSEN, Department of Surgery, with the title Professor Emeritus, effective April 1, 1978.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 78-120

Synopsis: The report on contracts, grants, and gifts and the summary for March are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of March, 1978, be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 31,666.05
The Ohio State University Research Foundation	46	2,706,661.00
The Engineering Experiment Station	2	20,000.00
		\$ 2,758,327.05
The Ohio State University Development Fund	5,015 Donors	\$ 614,167.65
Establishment of Named Funds		
The Luella Henkel Veterinary Medicine Memorial Scholarship Fund (College of Veterinary Medicine)		\$ 50,000.00
The Arthur J. Hoffmann Memorial Educational Fund (Department of Plant Pathology)		5,134.64
The Charles E. and Marian Benson Scholarship Fund (School of Natural Resources)		5,000.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsors	1976 - 1977		1977 - 1978		% Change from 1976 - 77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL					
Student	29	\$13,418,835.00	21	\$13,275,549.00	(1)
Training	141	7,616,211.66	55	4,176,655.00	(45)
Construction	0	0	1	1,681,875.00	100
TOTAL - FEDERAL	191	\$21,035,046.66	77	\$19,134,079.00	(9)
STATE OF OHIO	47	\$ 3,246,744.32	48	\$ 4,007,004.35	23
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	76	\$ 2,159,189.49	23	\$ 460,730.00	(79)
GRAND TOTAL	314	\$26,440,980.47	148	\$23,601,813.35	(11)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL					
Department of Energy*	8	\$ 166,637.00	13	\$ 1,449,780.00	770
National Aeronautics and Space Administration	22	661,346.00	21	799,307.00	21
National Science Foundation	92	4,103,900.00	95	3,858,942.00	(6)
Department of Defense	103	4,165,035.00	82	4,263,568.00	2
Health, Education, and Welfare	150	10,656,261.00	196	17,772,263.47	67
Other Federal	39	3,466,551.00	63	11,587,198.00	234
TOTAL - FEDERAL	414	\$23,219,730.00	470	\$39,731,058.47	71
STATE OF OHIO	20	\$ 592,042.00	38	\$ 1,232,276.04	108
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	164	\$ 4,109,698.55	219	\$ 5,424,015.26	32
GRAND TOTAL	598	\$27,921,470.55	727	\$46,387,349.77	66

*Amount of support received from Department of Energy in Fiscal Year 1977-78 is compared with amount of support received from Energy Research and Development Administration in Fiscal Year 1976-77.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

ENGINEERING EXPERIMENT STATION

Sponsors	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL	22	\$ 124,924.00	20	\$ 150,567.00	21
STATE OF OHIO	18	263,549.00	25	702,517.00	167
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL	384	\$ 724,400.00	410	\$ 877,560.00	21
GRAND TOTAL	424	\$1,112,873.00	455	\$1,730,644.00	56

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

(Comparison with Previous 12-Month Period)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	1976-1977		1977-1978		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
Annual Giving Group	37,769	\$ 881,911.21	47,523	\$ 1,210,055.73	37
Major Resources Group					
Deferred Gifts	46	1,689,955.92	41	2,444,249.65	45
Major Individual Gifts	1,082	2,418,824.76	1,455	2,078,961.99	(14)
Corporate Gifts	1,000	2,050,094.72	1,823	3,157,861.24	54
Foundation and Non-Profit Organization Gifts	766	2,345,029.65	699	2,437,355.28	4
Totals	2,894	\$8,503,905.05	4,018	\$10,118,428.16	19
GRAND TOTAL	40,663	\$9,385,816.26	51,541	\$11,328,483.89	21

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contracts/Grants

\$15,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, Technical Coordination Services in Connection with the Ohio Board of Regents Energy Management Program, The Ohio State University, Office of Physical Facilities, Energy Conservation Division, April 1, 1978 through June 30, 1978. (Federal Identification No. 31-6025986)

\$11,351.05 - State of Ohio, Department of Education, Columbus, Ohio, The Recruitment and Preparation of Cadres of Instructional Staff Personnel Development at the Local Education Agency Level, Department of Agricultural Education, March 1, 1978 through July 31, 1978. (EPDA Sub-Project OH-V-703)

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$26,351.05

Industrial and Other Contract/Grant

\$5,315.00 - State of Alaska, Department of Education, Juneau, Alaska, Professional Services, The Center for Vocational Education, January 1, 1978 through August 31, 1978.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$480,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies, Department of Physics (T. A. Romanowski, K. Reibel, K. Tanaka, W. W. Wada), 1 February 1978 through 31 January 1979. (Project 762116 - Continuation)

\$283,200.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. P. Balcerzak), 1 March 1978 through 28 February 1979. (Project 763982 - Continuation)

\$100,978.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1978 through 31 March 1979. (Project 711049 - Continuation)

\$94,566.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Action Centered Program for Minority Recruitment, Selection and Training for Successful Graduation and Job Placement, School of Nursing (E. L. Fritz), 1 March 1978 through 28 February 1979. (Project 711058 - New)

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Basic Research for the Earth Dynamics Program, Department of Geodetic Science (I. I. Mueller), 1 April 1978 through 31 March 1979. (Project 711055 - New)

\$63,791.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry (M. S. Newman, D. W. Meek), 1 March 1978 through 28 February 1979. (Project 711042 - Continuation)

\$61,400.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Corrosion, Stress Corrosion Cracking, and Electrochemistry of the Iron and Nickel Base Alloys in Caustic Environments, Department of Metallurgical Engineering (R. W. Staehle, A. K. Agrawal), 1 March 1978 through 28 February 1979. (Project 711036 - Continuation)

\$56,581.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Alpha-Adrenergic Effects on Heart Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 April 1978 through 31 March 1979. (Project 711056 - New)

\$55,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Laboratory Infrared Research Relevant to Atmospheric and Planetary Studies, Department of Physics (K. N. Rao), 1 April 1978 through 31 March 1979. (Project 784566 - Continuation)

\$50,000.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Radiative Transmission Line Analysis, ElectroScience Laboratory, Department of Electrical Engineering (R. Garbacz), 1 January 1978 through 30 September 1978. (Project 784659 - Continuation)

\$45,034.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering (R. Edse), 1 April 1978 through 31 March 1979. (Project 711050 - New)

\$42,384.00 - Department of the Air Force, Headquarters Air Force Contract Management Division (AFSC), Kirtland Air Force Base, New Mexico, Analysis of Aero-Optical Turbulence Measurements, ElectroScience Laboratory, Department of Electrical Engineering (C. A. Levis), 9 January 1978 through 30 September 1978. (Project 710953 - New)

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$40,849.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 May 1978 through 30 April 1979. (Project 784705 - Continuation)

\$39,956.00 - Department of Health, Education, and Welfare, National Institute of Education, Contracts and Grants Management Division, Washington, D. C., Calculator Information Center, Academic Faculty of Science-Mathematics Education (M. N. Suydam), 1 February 1978 through 31 December 1978. (Project 784692 - Continuation)

\$37,366.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, The Pharmacologic Control of Mast Cell Phosphodiesterase, Department of Pharmacology (R. H. Fertel), 1 April 1978 through 31 March 1979. (Project 711064 - Continuation)

\$30,426.00 - National Science Foundation, Washington, D. C., Stereoscopic Visual and Anemometry Studies of Coherent Motions in Turbulent Shear Flows, Department of Chemical Engineering (R. S. Brodkey), 15 April 1978 through 30 April 1979. (Project 711063 - New)

\$26,489.00 - National Science Foundation, Washington, D. C., Palynology and Palynostratigraphic Zonation of the Beacon Supergroup, Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot, J. M. Schopf, R. A. Kyle), 1 February 1978 through 31 March 1979. (Project 784678 - Continuation)

\$13,208.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma, Department of Medicine (S. P. Balcerzak), 1 February 1977 through 28 February 1978. (Project 710283 - Continuation)

\$12,600.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Fremouw Formation of the Cumulus Hills, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson, K. Stanley), 1 April 1978 through 31 March 1979. (Project 784704 - Continuation)

\$12,106.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Specialization in Developmental Disabilities, Nisonger Center for Mental Retardation, Office of Health Sciences (M. F. Chase), 1 July 1977 through 30 June 1978. (Project 784763 - Continuation)

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,882.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., An Evaluation of the Status of the Naiad Mollusks of the St. Francis River from Parkin, Arkansas, to the Mississippi, Department of Zoology (D. Stansbery), 1 March 1978 through 31 May 1978. (Project 711044 - New)

\$6,900.00 - Environmental Protection Agency, Washington, D. C., Critical Review of Virus Removal by Coagulation and pH, Department of Civil Engineering (O. J. Sproul), 1 October 1977 through 14 June 1978. (Project 711040 - New)

\$3,500.00 - National Science Foundation, Washington, D. C., Diffusion of Innovation, Department of Geography (L. A. Brown), 1 October 1977 through 30 September 1978. (Project 783637 - Continuation)

\$3,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Infection by Feline Leukemia Virus, Department of Veterinary Pathobiology (J. L. Rojko, E. A. Hoover), 1 January 1978 through 31 December 1978. (Project 711037 - New)

\$2,400.00 - National Endowment for the Humanities, Division of Fellowships, Washington, D. C., Music in Medieval Life and Culture, School of Music (R. Hoppin), 1 January 1978 through 30 September 1978. (Project 710942 - Continuation)

\$1,500.00 - National Science Foundation, Washington, D. C., The Paleoclimate of the Quelccaya Ice Cap, Peru, and Its Relationship to Paleoclimate in High Latitudes, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot, J. H. Mercer, L. G. Thompson), 1 April 1977 through 30 September 1978. (Project 784324 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,638,116.00
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State of Ohio Research Contracts/Grants

\$56,030.00 - State of Ohio, Department of Education, Division of School Finance, Columbus, Ohio, Pupil Transportation Bus Mechanics Workshop - 1978, The Center for Vocational Education (R. E. Taylor), 22 February 1978 through 31 July 1978. (Project 711054 - New)

\$3,250.00 - Ohio Historical Society, Ohio Historic Preservation Office, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (W. Sumner, C. Phagan), 1 April 1978 through 30 June 1978. (Project 711072 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS	\$59,280.00
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May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$514,651.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University City Continuation Proposal, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 30 June 1980. (Project 711061 - New)

\$231,292.00 - The Toledo Edison Company, Toledo, Ohio, Operational Aquatic Ecology Monitoring Program for the Davis-Besse Nuclear Power Station, Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf, J. M. Reutter), 1 January 1978 through 31 December 1979. (Project 711041 - New)

\$50,000.00 - The General Electric Foundation, Bridgeport, Connecticut, Leaders in Career Development Program, Academic Faculty of Special Services (A. C. Riccio) and The Center for Vocational Education (R. E. Taylor), 1 April 1978 through 31 October 1978. (Project 761051 - New)

\$40,157.00 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, Investigation on Efficacy of Tribissen 24% Injectable, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 1 February 1978 through 31 January 1979. (Project 711038 - New)

\$25,000.00 - Leukemia Society of America, Inc., New York, New York, The Role of Adenosine Deaminase in Immune Function and Malignancy, Department of Medicine (M. Grever, S. Balcerzak), 1 July 1978 through 30 June 1980. (Project 711066 - New)

\$23,620.00 - Southwest Oncology Group, Operations Office, Kansas City, Kansas, Southwest Oncology Group, Department of Surgery (J. P. Minton), 1 January 1978 through 31 December 1978. (Project 711048 - New)

\$22,800.00 - The Petroleum Research Fund (American Chemical Society), Washington, D. C., A Novel Support for Solid Phase Peptide Synthesis, Department of Biochemistry (G. P. Royer), 1 September 1978 through 31 August 1981. (Project 711047 - New)

\$20,000.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Application in NDR, Department of Engineering Mechanics (V. V. Varadan, V. K. Varadan), 20 March 1978 through 30 September 1978. (Project 711053 - New)

\$20,000.00 - World Health Organization, Geneva, Switzerland, Detection, Isolation and Ecology of Biological Control Agents and Maintenance of an Information System in this Field, Department of Entomology (J. D. Briggs), 1 January 1978 through 31 December 1978. (Project 710933 - New)

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$13,750.00 - Carnegie-Mellon University, Pittsburgh, Pennsylvania, Supplement to Stress Corrosion - Development of a Design Handbook on Stress Corrosion Cracking, Department of Metallurgical Engineering (R. W. Staehle), 15 December 1976 through 30 September 1978. (Project 710303 - Continuation)

\$10,175.00 - The Columbus Foundation, Columbus, Ohio, Regional Archeological Preservation Office 6A, Department of Anthropology (W. Sumner), 1 April 1978 through 31 December 1979. (Project 711059 - New)

\$10,000.00 - Orthopaedic Research and Education Foundation, Chicago, Illinois, Role of Synovial Fluid Enzymes in Articular Cartilage Degradation in Osteoarthritis, Department of Surgery (E. W. Gold, P. H. Curtiss, Jr.), 1 April 1978 through 31 March 1979. (Project 711076 - Continuation)

\$7,800.00 - Association for Brain Tumor Research, Chicago, Illinois, Ganglioside Metabolism in Normal and Neoplastic Glia, Department of Pathology (A. J. Yates), 1 April 1978 through 31 March 1979. (Project 711062 - New)

\$7,680.00 - Gallia County and Gallia County Local Schools, Gallipolis, Ohio, Comprehensive Study of the School Plant Needs for the Gallia County Local Schools, Academic Faculty of Educational Administration (R. O. Nystrand), 1 February 1978 through 31 May 1978. (Project 711043 - New)

\$5,940.00 - Coshocton City Schools, Coshocton, Ohio, Comprehensive Facility Study of the Coshocton City School District, Academic Faculty of Educational Administration (R. O. Nystrand), 15 March 1978 through 15 July 1978. (Project 711060 - New)

\$5,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Role of Prostaglandin E in Blood Pressure Control, Department of Medicine (T. F. Ferris), 1 April 1978 through 30 June 1978. (Project 710749 - Continuation)

\$1,000.00 - World Health Organization, Geneva, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology (R. P. Herd), 1 July 1978 through 31 December 1978. (Project 710543 - Continuation)

\$400.00 - City of Cambridge, County of Guernsey, Ohio, Guernsey County Housing Survey, Department of Agricultural Economics and Rural Sociology (G. H. Phillips), 1 January 1978 through 31 May 1978. (Project 710817 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-
FEDERAL RESEARCH CONTRACTS/GRANTS

\$1,009,265.00

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Contracts

\$15,000.00 - Picker Corporation, Highland Heights, Ohio, Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Department of Mechanical Engineering, Nuclear Engineering Division, April 1, 1977 through April 15, 1978. (EES 534, Extension 1)

\$5,000.00 - Pittsburgh Plate Glass Industries, Columbus, Ohio, Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, February 9, 1978 through February 8, 1979. (EES 510)

TOTAL - INDUSTRIAL AND OTHER CONTRACTS \$20,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$30,800.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$26,676.21 from Systems Associates, Columbus, Ohio: \$17,057.34 for the Department of Medicine General Fund and \$9,618.87 for the Cardiology Support Fund.

\$22,521.54 from Louise Orr Scott Foundation (in memory of William Craig Orr and Mary Black Orr), Columbus, Ohio: \$16,891.16 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$5,630.38 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$20,000.00 from Merrell-National Laboratories, Cincinnati, Ohio, for the Clinical Pharmacology Fund.

\$12,728.46 from Richard H. Keates, M.D., Inc. (given in the name of Richard H. Keates), Columbus, Ohio, for the Eye Bank Fund.

\$12,163.02 from Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$11,138.00 from Battelle Memorial Institute, Columbus, Ohio, for the WOSU Support Fund.

\$10,000.00 from Paul Ecke Poinsettias (given in the name of Paul Ecke, Sr.), Encinitas, California, for the D. C. Kiplinger Chair in Floriculture.

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$10,000.00 from Ohio Power Company, New York, New York, for the American Electric Power Fund for Engineering.

\$8,687.67 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$8,141.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$6,940.00 from Thomas E. Powers, Columbus, Ohio, for the Powers Vet Pharmacology Research Fund.

\$5,000.00 from The F. & R. Lazarus & Co., Columbus, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$5,000.00 from The Upjohn Company, Kalamazoo, Michigan, for the Upjohn Company - Magnus Fund.

Establishment of Named Funds

The Luella Henkel Veterinary Medicine Memorial Scholarship Fund

The Luella Henkel Veterinary Medicine Memorial Scholarship Fund was established May 5, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Miss Luella Henkel, formerly of Cincinnati, Ohio, and Stamford, Connecticut.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more College of Veterinary Medicine scholarships for minority students who have demonstrated academic ability and need for financial assistance. The University is authorized to invade the principal amount of the endowment as and when it shall be necessary to underwrite the cost of the scholarships for up to a maximum of two students per year, until the principal is exhausted. The scholarships will cover the cost of fees, room and board, equipment and instruments. The selection of the recipients is to be made upon the recommendation of the Dean of the College of Veterinary Medicine.

William J. Butler, attorney for the Estate, or his successor, is to be notified of all scholarship appointments. A progress report on each scholarship recipient is also to be provided periodically.

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Luella Henkel Veterinary Medicine Memorial Scholarship Fund (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medicine education.

The Arthur J. Hoffmann Memorial Educational Fund

The Arthur J. Hoffmann Memorial Educational Fund was established May 5, 1978, by the Board of Trustees of The Ohio State University with gifts through the Development Fund in honor of the memory of Arthur J. Hoffmann.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support a junior or senior student doing research on a greenhouse vegetable production problem. One student is to be selected each year and the recipient is eligible for renewal for one year. Selection of the recipient is to be made with guidance of the Chairman of the Department of Plant Pathology.

Should the need for these awards cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Plant Pathology education.

The Charles E. and Marian Benson Scholarship Fund

The Charles E. and Marian Benson Scholarship Fund was established May 5, 1978, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Ohio Lumbermen's Association.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

May 5, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Charles E. and Marian Benson Scholarship Fund (contd)

The income is to be used to provide one or more scholarships for forestry students, residents of Ohio, whose career interests include the distribution of lumber and building products. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of a committee comprised of two (2) members appointed by the Ohio Lumbermen's Association, School of Natural Resources, and Forestry Division Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the study of forestry.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 78-121

Synopsis: Contracts have been awarded for two projects to the lowest and best bidders in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for each of the following projects:

MASONRY REPAIRS - EXTERIOR 1978 (BIOLOGICAL SCIENCES BUILDING AND CAMPBELL HALL)

General Contract

Date Received:	April 11, 1978
No. of Bids:	1
Low Bid:	\$137,884.00

May 5, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**MASONRY REPAIRS - EXTERIOR 1978
(BIOLOGICAL SCIENCES BUILDING AND CAMPBELL HALL) (contd)**

General Contract (contd)

Estimate of Cost:	\$146,000.00
Awarded to:	Raymond E. Kelley, Inc. (Bowmansville, New York)
Total Contract:	\$137,884.00
Total Contingency Allowance:	\$ 12,000.00 which is 9 per cent of the construction costs
Total Project Cost:	\$156,000.00
Funding:	Budget Account 210134 (Contract Repair)

MAC QUIGG LABORATORY - ALTERNATE HEAT SOURCE

Mechanical Contract

Date Received:	April 11, 1978
No. of Bids:	5
Low Bid:	\$ 32,770.00
High Bid:	\$ 43,900.00
Estimate of Cost:	\$ 38,500.00
Awarded to:	C & E Mechanical (New Albany, Ohio)
Total Contract:	\$ 32,770.00
Total Contingency Allowance:	\$ 1,500.00 which is 5 per cent of the construction costs
Total Project Cost:	\$ 35,526.00
Funding:	Budget Account 885060 (Conversion of University Facilities to Alternate Fuel) and Budget Account 210134 (Contract Repair)

May 5, 1978 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency funds and expenditures of project funds are hereby reported.

Upon motion of Dr. Sirak, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT BY PRESIDENT HAROLD L. ENARSON

Budget Circular A-21

I have very brief comments on only two points. Both are simply matters of information and I cite the first only as a reminder that we are always and forever in some kind of a tangle with some agency in Washington which affects either our autonomy or our budget or both. And at present, the Office of Management and Budget in Washington, D. C. has under review and active consideration, a revision of budget circular A-21. Now that won't mean anything to you, but every graduate dean in the country vibrates to that number and every president vibrates to that number. That's the circular which deals with the calculation of indirect costs--and is an area almost as complex as NCAA regulations. It is Byzantine in its complexity; it is a way in which indirect costs are calculated which is of extreme importance to the University. This institution is a member of the Association of American Universities and we met at Palo Alto, California, two weeks ago and have a committee at work lobbying most intensively in Washington, D. C., on revision of the proposed revision. At best I would simply say that the rough calculation which we have made indicates that if the present circular is adopted, we would lose in the order of 1.3 or 1.4 million dollars a year. It's a little bit disconcerting to us all to labor so hard to raise private funds and to labor so hard in the vineyards to get added dollars from the legislature and yet some adjustment made in a highly technical way by technicians in Washington can cost us well over a million dollars. I simply inform the Board that we are actively contributing information and moral support to that battle.

Autumn Quarter Enrollment

The second matter I wish to report on is our best and latest estimate with respect to Autumn Quarter enrollments. Obviously these enrollments are fundamental as we prepare to come to you in June with a recommended budget for the upcoming year and what I have before me is hot off the press. It's a memorandum as of--dated yesterday, with our best guess as to Autumn Quarter enrollments and I'll read this very briefly, if I may or highlight it rather.

May 5, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Autumn Quarter Enrollment (contd)

As of May 1, the Office of Admissions had received 13,271 new Fall Quarter freshmen applications for the coming Autumn and that represents 1,800 more than last year or a 16 per cent increase. We have received 7,292 paid acceptance fees which compares favorably with the 6,254 figure we reported in May of last year.

There are also presently 350-400 prospective students on a deferred acceptance list for the Columbus Campus. There is every likelihood that these waiting students will be admitted to the Columbus Campus in Autumn Quarter. The bottom line as they say is that we have every expectation of filling our classes with respect to entering freshmen and that's, indeed, very good news.

Transfer--Transfer enrollments will probably fall somewhat short of the total numbers enrolled in Autumn, 1977. Applications are 11 per cent below last year's and admissions are 17 per cent below. However, our Office of Admissions believes that it will reach its target of 2,600.

Graduate--I hesitate to report on the graduate enrollment because I'm not at all sure the figure means anything, but as of the present, the total number of graduate admissions trails last year's number by 413 or 17 per cent, but Spring Quarter 1978 enrollments exceeded last year's by 350, so if there is an Autumn Quarter carryover, it could ameliorate our loss of graduate students' enrollment. But, again I would say that applications are in the pipeline and we won't know--we really can't tell yet what our graduate enrollment will be. I remind the Board once again that the graduate enrollment is extremely serious with respect to making our budget.

Professional--We do not anticipate, of course, any open spaces in the professional school classes. There our problem continues to be one of selection, but we have experienced a 13 per cent downturn in applications this year and if you've perhaps noticed in *The Chronicle of Higher Education* or in the newspapers this is a national trend whether it reflects discouragement or what I can't say.

Regional Campuses--I don't think it's of much consequence, I think our regional campuses make us quite nervous because we do have--it looks as if we are going to have some further declines there. I thought I saw John Mount. John, you're in the back pew there. I don't know whether you have--I don't mean to startle you, but I don't know whether you have any insights with respect to enrollments on the regional campuses, but perhaps you might give us at least a sketchy overview.

May 5, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Vice President Mount responded to President Enarson's request for information on enrollment on OSU Regional Campuses with the following statement:

Mr. President and members of the Board: In reviewing the enrollment data for the OSU Regional Campuses as related to the proposed budget for the 1978-79 fiscal year, we have projected a small decrease in total enrollment (one to two per cent). We have noted also the significant percentage decrease, in freshmen applications for admission as of May 4, appears to be large. However, the actual decrease in number on each campus is relatively small, and the administrative staff on each campus has developed programs which we are confident will attract and retain an increased number of older and part-time students to compensate for any decrease in eighteen and nineteen year old students.

May I remind the Board that on each of the regional campuses there is a technical college which shares in the cost of operating the campuses. For example, approximately 2,500 Ohio State and technical college students are enrolled on the Mansfield Campus where the Board met last month. Because of additional associate degree programs in various technologies, an increase in enrollment of the technical colleges is projected. Therefore, we expect each campus to have an increased number of total students in the Autumn of 1978.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-122

RESOLVED, That the report on the University's Investment Portfolio dated April 30, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

TRIBUTE TO M. MERLE HARROD

Mr. Gushman: I would like to ask Merle Harrod to stand and join me up here if he will.

Mr. Harrod: Thank you, Mr. Chairman.

Mr. Gushman:

This is Mr. Harrod's last meeting after nine years of strenuous service and a year as chairman. I'm pleased to see they found someone, though, that might even fill your shoes, and I know you all join me in saying that we're happy to see Dan Galbreath be appointed as a Trustees of this University. This is something you can take home.

In recognition of outstanding service to his
alma mater as a member of

The Board of Trustees

from 1969 to 1978 and Chairman from 1976 to 1977

The Ohio State University

conveys to

M. Merle Harrod

a loyal servant of the University and
faithful custodian of our educational heritage,
its deep appreciation and good wishes



David L. Erwin
President

In grateful acknowledgement this certificate is
presented at The Ohio State University on the
fifth day of May in the year of our Lord nine-
teen hundred and seventy-eight and of the
University the one hundred and ninth.

Laura J. J. J. J.
Secretary

May 5, 1978 meeting, Board of Trustees

TRIBUTE TO M. MERLE HARROD (contd)

Mr. Gushman: (contd)

In addition to that I have something that I know will be of real service to you. This is wood from University Hall and you can get Dode's attention with this whenever she gives you a problem, after 40 years of service. 'In appreciation of his service to The Ohio State University, Trustee 1969 to 1978, Chairman 1976 to 1977.'

Mr. Harrod: Does it have a rubber face on it?

Mr. Gushman:

No, it's a great pleasure, Merle, to present this to you, and to thank you personally for all the support you have given me and all the help you have been. Best wishes and good health.

Mr. Harrod:

Thank you very much, that's very wonderful. I'm very happy and a little bit sad. These nine years have been very memorable years to me; as a matter of fact, I'd have to say the finest years of my life, and a great part of that is this very fine University which is the greatest. I think it's a tremendous honor for all of us to be serving on this Board of the largest institution in our state, representing eleven million people. I'll never forget in 1969 when I came on this Board, I started my tenure in the midst of some student riots and I'm leaving in the midst of some law suits.

Mr. Gushman: That's progress. You're still a defendant. That's real progress.

Mr. Harrod:

Well, thank you one and all and I appreciate knowing not only the members of the Board, but all the members of this staff; you've been a great inspiration. Thank you.

--O--

INTRODUCTION OF UNDERGRADUATE STUDENT GOVERNMENT OFFICERS

Mr. Gushman:

Well, we've had a luncheon this noon with some of the student representatives and I'm pleased to see the new president of the Undergraduate Student Government. Paul Zock, will you please stand? My luncheon mate Nancy Taglione is vice president. I enjoyed being with you. I don't know what your programs were or how you got elected but good luck and we'll work with you in any way we can. Thank you.

--O--

May 5, 1978 meeting, Board of Trustees

**COMMENTS BY MR. GUSHMAN ON COMPLETION OF HIS TERM
AS CHAIRMAN**

Mr. Gushman:

Now since we're early, and this is my last meeting as Chairman, I'm going to say a few things. It's been eight years for me, Merle, not nine, and incidentally, parenthetically I guess, I think our terms are too long. I know there's been some movement in that direction. I don't know whether it will take place. My personal feeling is that a term of four or five years would be really healthier and bring new ideas and more new blood into the direction of this University--that's just a personal view and we'll just throw that out.

During my year as chairman, we've had the usual budget problems. While I use the term 'usual,' they seem to grow in importance and affect the faculty, the students and all of us. We had some unusual problems--Harold, the energy thing, I guess, would have to fall into that category--but I think it's been a year of progress.

This Board does most of its work through the committee system; I heartily endorse that. The Fiscal Affairs Committee this year under Chairman Devenow has moved in important directions, as far as the management and the protection of the funds of this University, and I'm not only talking about current fiscal funds, I'm talking about the long-term investment funds which we receive through our Development Fund and other sources. I think they've made real progress this year. I still think, Jim and Jack, you have a lot to do; you know that, and you're working at it. Howard Sirak chairs our Educational Affairs Committee, and they've dealt with many matters, but I guess your year has been completely overshadowed by our Medical Practice Plan debate and final action in that regard. I must pause and say, Howard, I thank you personally for a great deal of dedicated time you put in on that matter. Jim Hilliker chairs our Student Affairs Committee, serving with Pat and Dr. Jacob. I know you still feel you need to do more to try to communicate with the students, but I think you have made progress and I appreciate your efforts in that regard.

Harold, you and I now have been serving together for six years, almost, and I just want to say that it's been stimulating and enjoyable, and I appreciate the personal friendship that we've developed. Your staff has been most helpful--Ed, Madison, Kathryn--you have yet to receive your accolade, but I'm sure you will. I have to mention Al because he's been a great help to me on many of the student and faculty problems which are brought to the chairman. I appreciate your help, Al. I guess, Eric and Bill, if I really were a gracious guy, I would have brought some salve to put on the wounds that you received while going through the Medical Practice Plan controversy. Ned has been most capable as Secretary; he's forgotten more about the procedures here than the rest of us will remember and we do appreciate it. And your staff back here--Barbara Osborne, our girl Friday, who so graciously does so many things. Thank you, Barbara.

May 5, 1978 meeting, Board of Trustees

**COMMENTS BY MR. GUSHMAN ON COMPLETION OF HIS TERM
AS CHAIRMAN (contd)**

Mr. Gushman: (contd)

I guess I leave my final word to the Trustees. It has been a great personal pleasure to serve with you and I really have enjoyed it. I feel that I have made some friendships here that I am going to treasure long after this Board is over and I want to thank you--all of you--I've just had wonderful support. You've all worked hard, you don't get paid but you dedicate yourself to this job and on behalf of all the people who benefit from your efforts, I want to thank you.

On this Board, a lot of us are from different backgrounds and that's good; and in fact many of us were appointed by Governors of different political faiths. I said this once before but I think it's worth repeating: in my eight years of service on this Board I have never seen a decision made on political grounds, and I think that's quite important. I think it will stay that way. And, Howard, good luck to you; Pat, I'll help in any way I can.

Mr. Harrod:

You made a suggestion, may I comment? I've been through it, now you've been through it as chairman; but in my judgment the Trustee should serve as chairman during the last year in office. I have various reasons for saying that and I don't expect to talk about them now, but I believe honestly that the lame duck year is not as good for the Board as it should be.

Mr. Gushman: I happen to share that opinion. I guess we'll have to find some--

Mr. Harrod: I don't know how they are going to--

Mr. Gushman:

Some brilliant, hearty soul will serve maybe for two years or something to get back. Well, that's the way it was until four years ago.

Mr. Harrod: I know.

Mr. Gushman:

Three or four years, Ned. We leave that to you--Merle and I leave that to you--to the Trustees. Anything else to come before the meeting. If not, the meeting is adjourned.

--O--

May 5, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John L. Gushman
Chairman

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APPENDIX IV

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
June 9, 1978

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HONORARY DEGREES

WILLIAM A. FOWLER
Doctor of Science

Known throughout the scientific world, your research accomplishments are recorded in publications now numbering in the hundreds. They attest to the remarkable pace of your career and to its depth and breadth as well. These achievements have brought new understanding to both the sciences of physics and astronomy. Your effective leadership in prestigious organizations has advanced the cause of all sciences. The nation, too, has sought and received your counsel, most recently through the chairmanship of the permanent Nuclear Science Advisory Committee.

PETER JAY
Doctor of Humanities

In a relatively short span of years, you have fashioned a distinguished career in public life, journalism, and broadcasting. Your record in Her Majesty's Service, in major editorial positions with *The Times*, and later as a much-acclaimed broadcast journalist and television personality reflects the breadth of your ability and achievements. With candor and wit, thoughtful analysis and incisive comment, you have provided the people of Britain with a better understanding of major issues in public policy. Your appointment in 1977 as British Ambassador to the United States adds new luster to an already bright record and foretells the promise seen in your selection in 1974 as one of 150 future leaders of the world.

RALPH E. KENT
Doctor of Humanities

You are seen in business and government as a symbol of unquestioned integrity and leadership. Through years of dramatic, fundamental change in accounting practice, your insistence on competence and ethical conduct has sharpened the meaning of professionalism. The economic fabric of our society is stronger today for your vision and courage. Within the business world, your concern for minorities has brought them new opportunities. Not only your many accomplishments, but also your compassion and friendliness have earned the affection and esteem of your colleagues.

HONORARY DEGREES (contd)

MARY AUTEN TRAUTMAN Doctor of Science

Internationally recognized in the fields of ornithology and ichthyology, you are also known for your pioneering work in ecology. Endangered species and other ecological problems are the focus of your continuing and vigorous activity. A distinguished scientist in your own right, you have shared with your husband, Milton B. Trautman, in more than forty years of research and publication and have given us a truer understanding and appreciation of the world around us.

MILTON BERNHARD TRAUTMAN Doctor of Science

Insatiable curiosity about the problems of nature and tireless efforts to solve them have characterized your long and productive career. Your scientific publications on the fishes and birds of Ohio are recognized as scholarly classics. Your field and laboratory research, much in collaboration with your wife, Mary A. Trautman, has documented the destructive changes in our ecological system. Your findings have aided significantly the current efforts in Ohio and throughout North America to correct the malpractices of the past.

Graduate School

Dean: Jules B. Lapidus

Doctor of Philosophy

One hundred and thirty-six candidates

Mohammed Hasan Ali, Dist. Din Ajpur, Bangladesh; B.S., M.S. (East Pakistan Agricultural University); M.S. (University of Cincinnati); *Horticulture*; Dr. Andrew C. Peng

Steven Edward Anacker, Missoula, Mont.; B.A. (University of Oregon); M.A. (University of Montana); *Mathematics*; Dr. G. Neil Robertson

Opal Pauline Anderson, Radford, Va.; B.S. (Radford College); M.Ed. (University of Virginia); *Education*; Dr. Anthony C. Riccio

Steven Alan Anolik, Fairlawn, N. J.; B.A. (University of Connecticut); M.A. (Queens College); *Psychology*; Dr. Henry R. Angelino

William Arnold Apel, Waverly; B.A., M.S.; *Microbiology*; Dr. Patrick R. Dugan

Christos Sotiros Babajimopoulos, Chrysopolis, Greece; *Psychion* (Aristotelian University); M.S.; *Civil Engineering*; Dr. Vincent T. Ricca, Dr. Keith W. Bedford

Gojko A. Babić, Sarajevo, Yugoslavia; Diploma (University of Sarajevo); M.S. (Florida Institute of Technology); *Computer and Information Science*; Dr. Ming-Tsan Liu

Israel Leonard Barak, Bnei-Brah, Israel; B.A. (Bar-Ilan University); M.A.; *Sociology*; Dr. Simon Dinitz

Michael Wray Barry, Bellport, N. Y.; B.S. (Cornell University); M.S. (Iowa State University of Science and Technology); *Entomology*; Dr. David G. Nielsen

Halil Cetin Bedestenci, Morgantown, W. Va.; Diploma (University of Ankara); M.S. (West Virginia University); *Agricultural Economics and Rural Sociology*; Dr. Francis E. Walker

Joe Baker Brown, Columbus; B.A. (Shaw University); M.A. (George Washington University); *Physical Education*; Dr. Lewis A. Hess

Luther Park Brown, Elmhurst, Ill.; B.A. (Elmhurst College); M.S.; *Zoology*; Dr. Jerry F. Downhower

Cheryl Burgan, Dayton; B.S. (Howard University); M.Ed. (Miami University); *Home Economics*; Dr. Julia I. Dalrymple

Helen Eileen Byrd, Columbus; B.A. (University of Florida); M.A.; *Psychology*; Dr. Charles Weinar

Baruch Chass, North Haven, Conn.; B.S. (University of Connecticut); M.A.; *Physical Education*; Dr. Lewis A. Hess

Edward Ira Cohen, Columbus; B.S. (Rensselaer Polytechnic Institute); M.S.; *Computer and Information Science*; Dr. Lee J. White

David Alan Collier, Paris, Ky.; B.S., M.B.A. (University of Kentucky); *Business Administration*; Dr. LeRoy J. Krajewski

Joyce Kathryn Conley, Berkeley Springs, W. Va.; A.B. (Bucknell University); M.A.; *Music*; Dr. William Poland

George Bernard Cotkin, Bronx, N. Y.; B.A. (Brooklyn College); M.A.; *History*; Dr. Warren R. Van Tine

Wesley Roland Cox, Cincinnati; B.M.E., M.S.; *Mechanical Engineering*; Dr. Lit S. Han

Robert James Crackel, Owosso, Mich.; B.A. (Western Michigan University); M.A.; *Romance Languages and Literatures*; Dr. Pierre Astier

Joseph Paul Dalmasso, Fayetteville, Ark.; B.S. (University of Arkansas); M.S.; *Microbiology*; Dr. Matthew C. Dodd

Richard William Decker, Catonsville, Md.; A.B. (Dartmouth College); M.A. (Pennsylvania State University); *Mathematics*; Dr. J. Philip Huneke and Dr. Henry Glover

Marilyn Weisberg Deutsch, Columbus; A.B. (Temple University); M.A.; *Psychology*; Dr. Henry Leland

Om Parkash Dhiman, Panjab, India; B.Sc., B.Sc.E. (Panjab University); M.S.; *Aeronautical and Astronautical Engineering*; Dr. Rudolph Edse

Lawrence Joseph Dries, Louisville, Ky.; B.S. (Tulane University); M.S.; *Physics*; Dr. Timothy R. Donoghue

Gary Alton Dudley, South Point; B.A. (Marshall University); M.A.; *Physical Education*; Dr. Donald K. Mathews

Charles Vernon Durham, U.S. Air Force Academy, Colo.; B.A. (San Jose State College); M.S. (Oklahoma State University); *Psychology*; Dr. Milton D. Hakel

Earl S. Dye III, Columbus; B.A. (Emory University); *Medical Microbiology*; Dr. Frank A. Kapral

Charles B. Dygert, Columbus; B.S.Ed., M.A.; *Education*; Dr. Aaron J. Miller

Donald James Eckert, Akron; B.S. (Michigan State University); M.A.; *Agronomy*; Dr. Eugene O. McLean

Beatrice Dora Edelstein, Columbus; B.A.; M.A. (Seton Hall University); *Communication*; Dr. Edward J. Hardick

Mary Ann Stefonsky Engelman, Cleveland; B.S. (Miami University); M.Ed. (Kent State University); *Education*; Dr. John O. Cooper

John Francis Estenik, Canton; B.S., M.S. (John Carroll University); *Zoology*; Dr. N. Wilson Britt, Dr. William J. Collins

Susan Wolf Evans, North Canton; B.S. (Heidelberg College); M.S.; *Anatomy*; Dr. Ronald L. St. Pierre

Sally Ann Harris Ferguson, Franklin, Va.; B.S. (Norfolk State College); M.A.; *English*; Dr. Patrick B. Mullen

Leslie Stuart Fishler, Columbus; B.S. (Polytechnic Institute of Brooklyn); M.S.; *Chemical Engineering*; Dr. Robert S. Brodkey

Steven John Fleck, Mishicot, Wis.; B.S. (Wisconsin State University); M.A.; *Physical Education*; Dr. Robert L. Bartels

Duncan Foley, Columbus; B.A. (Antioch College); M.S.; *Geology and Mineralogy*; Dr. David H. Elliot

Janet Elizabeth Frantz, Anthony, Kan.; B.S. in Educ. (Kansas State Teacher's College); M.A.; *Political Science*; Dr. Randall B. Ripley

Evelyn Blossom Freeman, Columbus; B.A. (Chatham College); M.A. (University of Chicago); *Education*; Dr. Donald L. Haeefe

Nancy Elizabeth Fried, Columbus; B.S.Ed., M.S.; *Education*; Dr. Mildred C. Hillestad

Floyd Ely Friedli, Coshocton; B.A. (College of Wooster); M.S.; *Chemistry*; Dr. Harold Shechter

Louis Westmoreland Fry, Columbus; B.S. (Southern Methodist University); M.B.A. (American University); *Business Administration*; Dr. H. Randolph Bobbitt

Richard Wesley Garvin, Kenton; B.S., M.S.; *Physics*; Dr. Philip E. Wigen

Richard George Gebhardt, Columbus; B.S.Ed. (University of Akron); M.S.W.; *Education*; Dr. William D. Dowling

Andrea Lynn Gilchrist, Cincinnati; B.S.Ed., M.A.; *English*; Dr. James R. Kincaid

Andrew Cameron Gillespie, Liverpool, England; Diploma (Loughborough University of Technology); M.A.; *Physical Education*; Dr. Edward L. Fox and Dr. A. John Merola

George Spencer Gilley, Belleville, Ill.; B.A., M.A. (Southern Illinois University); M.A. (Washington University); *Education*; Dr. Paul R. Kloth

Robert Lee Gilliland, Tempe, Ariz.; B.S.Agr. (University of Arizona); M.A. (Arizona State University); *Agricultural Education*; Dr. Robert W. McCormick

Tsvi Goldenberg, Kiriat-Shmuna, Israel; B.S. (Technion Israel Institute of Technology); M.S.; *Metallurgical Engineering*; Dr. John P. Hirth

John William Grashel, Columbus; B.S.Ed., M.A.; *Music*; Dr. A. Peter Costanza

David Alan Grattan, Columbus; B.S. (Saint Francis College); *Pharmacy*; Dr. Donald T. Witak

Douglas Latham Haneline, Columbus; B.A. (Middlebury College); M.A. (University of Delaware); *English*; Dr. John M. Muste

Ingjaldur Hannibalsson, Reykjavik, Iceland; B.S. (University of Iceland); M.S.; *Industrial and Systems Engineering*; Dr. Walter C. Giffin

Baljit Singh Hansra, Panjab, India; B.S., M.S. (Punjab Agricultural University); *Education*; Dr. John C. Belland

John Robert Harvey, Hamilton; B.S.Agr. (Purdue University); M.P.H. (University of Michigan); *Education*; Dr. William D. Dowling

Stephen David Hinerman, Huntington, W. Va.; B.A., M.A. (Marshall University); *Communication*; Dr. Leonard C. Hawse

Katherine Anne Holter, Newark, Del.; B.S. (University of Delaware); M.S.; *Chemistry*; Dr. Daryl H. Busch

Yun-Hua Huang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemistry*; Dr. Perry A. Frey

Vijay Chinubhai Jaswa, Kandivli, India; B.Tech. (Indian Institute of Technology); M.S.; *Electrical Engineering*; Dr. Robert B. McGhee

- Eugene Etheridge Jones, Fairborn; B.S. (Tennessee A. & I. State University); M.A. (Pennsylvania State University); *Industrial and Systems Engineering*; Dr. Albert B. Bishop
- Michael Jon Jochen, Ashland; B.A. (Saint Olaf College); M.A. (Case Western Reserve University); *Music*; Dr. A. Peter Costanza
- William Frederick Kaemmerer III, Columbus; B.A. (Miami University); M.A.; *Psychology*; Dr. Curtis A. Sandman
- Allan Paul Katz, Springfield, N. J.; B.S. (Massachusetts Institute of Technology); *Metalurgical Engineering*; Dr. John P. Hirth
- Daniel Bruce Keck, Columbus; B.A., M.A. (California State College at Los Angeles); *Education*; Dr. Walter G. Hack
- Geraldine Berman Keller, Columbus; A.B. (Hunter College); M.A. (New York University); *Communication*; Dr. Victor D. Wall, Jr.
- Laretta Elizabeth King, Summerton, S. C.; B.S.H.E. (Hampton Institute); M.Ed. (Pennsylvania State University); *Agricultural Education*; Dr. Robert W. McCormick
- Shay-Wehy Margaret Koh, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S. (State University of New York College at Brockport); *Biochemistry*; Dr. Gary E. Means
- Robert Andrew Kohan, Newtown Square, Pa.; A.B. (Eastern Baptist College); M.A.; *History*; Dr. Philip P. Poirier
- Beth Lynn Sponseller Pough, Poughkeepsie, N. Y.; B.A. (Ohio Wesleyan University); *English*; Dr. James R. Kincaid
- Deanna Daigle Lamb, Columbus; B.A. (Rivier College); M.A.; *Education*; Dr. Donald L. Haeefe
- Fletcher Christian Latta, Pomeroy; B.A., M.A. (Ohio University); *Linguistics*; Dr. Robert J. Jeffers
- Yong Han Lee, Seoul, Korea; B.S. (Seoul National University); M.S.; *Electrical Engineering*; Dr. Robert B. Lackey
- Alfred Leick, U Pram, Germany; Eng. Cert., Diplom Ingenieur (Technical University, Munich); M.S.; *Geodetic Science*; Dr. Ivan I. Mueller
- Patricia Barker Lerch, Columbus; B.A. (Cleveland State University); M.A.; *Anthropology*; Dr. Erika Bourguignon
- John William Lozier, Rocky River; B.A. (University of Colorado); M.A.; *History*; Dr. Merritt Roe Smith
- Harvey Lyons, Columbus; B.S., M.E. (Cooper Union); *Mechanical Engineering*; Dr. Jack A. Collins
- Larry Anthony Magliocca, Columbus; B.S.Ed. (Slippery Rock State College); M.Ed. (University of Pittsburgh); *Education*; Dr. Thomas M. Stephens
- Irajji Malekmoahadi, Logan, Utah; B.S. (Hamadani Agricultural College); M.S. (Utah State University); *Agricultural Education*; Dr. Robert W. McCormick
- Bonnie Hummel Matthews, Worthington; B.S. (Bowling Green State University); M.A.; *Education*; Dr. George L. Lewis
- George Frederic Medford, Wellesley Hills, Mass.; B.A. (Denison University); M.S.; *Chemistry*; Dr. Sheldon G. Shore
- Carol Vandergrift Middelberg, Columbus; B.A. (Brown University); M.A.; *Psychology*; Dr. Charles Wenar and Dr. Steven J. Gross
- Joon Hong Min, New Rochelle, N. Y.; B.E. (Hayan University, Korea); M.S.M.E. (University of Akron); *Mechanical Engineering*; Dr. Francis A. Kulacki
- Arnold Theodore Mosberg, Columbus; B.A.A.E., M.S.; *Interdisciplinary: Chemical Engineering, Electrical Engineering and Veterinary Physiology and Pharmacology*; Dr. Robert M. Nerem
- John Robert Mount, Columbus; B.S. Food Tech., M.S.; *Horticulture*; Dr. Wilbur A. Gould
- Joe Matthew Okhakhu, Morgantown, W. Va.; B.S.P.E., M.S. (West Virginia University); *Physical Education*; Dr. Edward L. Fox
- Lawrence Okey Onyejekwe, Onitsha, Nigeria; B.A. (University of Nigeria); M.A.; M.A.; *Political Science*; Dr. R. William Liddle
- Harold Steven Orenstein, Levittown, N. Y.; B.A. (State University of New York at Stony Brook); M.A.; *Slavic Languages and Literatures*; Dr. Kenneth E. Naglor
- Robert Evans Owens, Jr., Columbus; B.A., M.A. (University of Delaware); *Communication*; Dr. James D. MacDonald
- William Dennison Paige, Atlantic Beach, Fla.; B.S., M.S.Ed. (State University of New York College at Oswego); *Education*; Dr. Willis E. Ray
- W. Michael Panneton, Pittsburgh, Pa.; B.S. (Georgetown University); *Anatomy*; Dr. George F. Martin
- Yong Soo Park, Seoul, Korea; B.S. in Engr. (Seoul National University); M.S.; *Metalurgical Engineering*; Dr. Roger W. Staehle
- Daniel M. Patterson, Xenia; A.B. (Wilmington College); M.A.; *Education*; Dr. Herman J. Peters
- Dale Nathaniel Payne, South Vienna; B.S., M.S.; *Anatomy*; Dr. G. Adolph Ackerman
- John Curran Peterson, Columbus; B.E. (Youngstown State University); M.S.; *Electrical Engineering*; Dr. Ronald K. Long
- Sylvester Lee Peterson, Raleigh, N. C.; B.A. (Saint Augustine's College); *Education*; Dr. William W. Wayson
- Mary Faust Piascik, Mayfield Heights; B.S. (Ohio Northern University); *Pharmacy*; Dr. Ralf G. Rahwan
- Michael Thomas Piascik, Mayfield Heights; B.S. (Hiram College); *Pharmacy*; Dr. Dennis R. Feller
- Nathan Abraham Pickard, Chicago, Ill.; B.S. (University of Illinois at Chicago Circle); *Physiological Chemistry*; Dr. Hans-Dietrich Gruemer
- Frank Steven Pipers, Worthington; B.S., D.V.M., M.S.; *Veterinary Physiology and Pharmacology*; Dr. Robert L. Hamlin
- Murray Norman Print, Columbus; B.A., Diploma (University of West Australia); M.A. (University of Sidney); *Education*; Dr. M. Eugene Gilliom
- Sangghon Rhee, Seoul, Korea; B. Law (Seoul National University); M.A. (Rutgers State University); *Business Administration*; Dr. E. Han Kim
- Stanley Earle Rittgers, Columbus; B.S. (University of New York at Buffalo); M.S.; *Biomedical Engineering*; Dr. Robert M. Nerem
- John Daniel Rohrer, Orrville; B.S.Agr., M.A.; *Agricultural Education*; Dr. Clarence J. Cunningham
- Renee Kunowitz Sandell, New York, N. Y.; B.A. (City College of New York); M.A.; *Art Education*; Dr. Kenneth Marantz
- Richard Lawrence Schuster, Sun Prairie, Wis.; B.S. (University of Wisconsin at Whitewater); M.A. (Arizona State University); *Sociology*; Dr. Simon Dinitz
- Herbert Amos Scott, Los Angeles, Calif.; B.A.B. (University of California); M.A.; *Political Science*; Dr. Randall B. Ripley
- Champa Sengupta, Barrackpore, India; B.Sc. (University of Jodhpur); M.Sc. (University of Kalyani); *Botany*; Dr. Valayamgath Raghavan
- A. Richard Sentieri, Mansfield; Mus.B. (Oberlin College); M.A.; *Music*; Dr. William Poland
- Kwan-Fu Rex Sheu, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemistry*; Dr. Perry A. Frey
- Kenneth Lee Smarkel, Redding, Calif.; B.S.C.E., M.S.; *Civil Engineering*; Dr. Robert M. Sykes
- Richard Lawrence Smith, Columbus; B.S. (Shippensburg State College); M.Ed. (Pennsylvania State University); *Education*; Dr. Mildred Hillestad
- Sarah Miller Smith, Columbus; B.S.Ed., M.Ed.; *Education*; Dr. Herman J. Peters
- Aron Nathan Spector, Toronto, Ont., Canada; B.A. (University of Toronto); M.A.; *Geography*; Dr. Reginald G. Gollledge
- Raymond H. Starrett, Lustin, Calif.; B.A. (California State College at Long Beach); M.A.; *Psychology*; Dr. Fred L. Damarin
- Jill Ann Steinberg, Huntington Valley, Pa.; A.B. (Boston University); M.A.; *Psychology*; Dr. Jacques W. Kaswan
- William Tanner Stewart, Zanesville; B.S. (Massachusetts Institute of Technology); M.S. (Ohio University); *Industrial and Systems Engineering*; Dr. William T. Morris
- Daniel Bruce Switchenko, Willimantic, Conn.; B.S. (Central Connecticut State College); M.A.; *Physical Education*; Dr. Edward L. Fox
- Gerald Masaji Takasaki, Hakalau, Hawaii; B.S.E.E., M.S.; *Electrical Engineering*; Dr. Robert E. Fenton
- Richard Raymond Teaff, Columbus; B.A. (Capital University); M.A.; *Education*; Dr. William D. Dowling
- David McCleod Theobald, Akron; B.S.E.E., M.S. (University of Akron); *Electrical Engineering*; Dr. Daniel B. Hodge
- Eileen Tiedt, Columbus; B.S.Nurs. (Marquette University); M.S.Nurs. (Wayne State University); *Education*; Dr. James K. Duncan
- Estelle J. Tsevdos, Seven Hills; B.A. (Ohio Wesleyan University); *Pharmacology*; Dr. Robert W. Gardier, Dr. Philip B. Hollander

Diana Lee Veith, Columbus; B.A.
(University of Massachusetts); M.A.;
Psychology; Dr. John E. Horrocks

John Allan Weaver, Dayton; B.S. in Engr.
Phys. (Montana State College); M.S.;
Physics; Dr. Robert L. Mills

Jacques Marie Wendel, South Bend, Ind.;
Licence (University of Nancy, France);
M.A. (University of Notre Dame);
Romance Languages and Literatures;
Dr. Charles G. S. Williams

Kenneth Herbert Wenker, U.S. Air Force
Academy, Colo.; B.A. (Saint John's
College); M.A.; *Philosophy*;
Dr. Andrew G. Oldenquist

Johnny Oliver Wright, Radnor; B.S.,
M.S.; *Chemical Engineering*;
Dr. John T. Heibel

Hwei-Jen Yang, Hattiesburg, Miss.; B. Law
(National Taiwan University); M.A.
(Murray State University);
Communication; Dr. Jack E. Douglas

Liow-jing Louis Yang, Taichung, Taiwan,
R.O.C.; B.S. (National Taiwan
University); *Mathematics*;
Dr. Alan C. Woods

Steven Mark Yarnell, Adelphi, Md.;
B.A. (George Washington University);
Political Science; Dr. John H. Kessel

Marlen David Yost, Columbus; B.S.
(Manchester College); M.A. (Michigan
State University); *Education*;
Dr. Donald P. Sanders

Angela Howard Zophy, Beaumont, Tex.;
B.A. (Lamar State College of Technology);
History; Dr. Robert H. Bremner

Master of Accounting

Four candidates

Bruce E. Christoff, Massillon; B.A. (Mount
Union College); *Accounting*

Kenneth Michael Levin, Columbus
B.S.Agr.; *Accounting*

Arthur J. Roberts, Fort Lauderdale, Fla.;
B.A. (Biscayne College); *Accounting*

Gary Steven Shamis, University Heights;
B.S. (Tulane University); *Accounting*

Master of Applied Statistics

Seven candidates

Arthur Bocian, Brooklyn, N. Y.; B.A.
(New York University); *Statistics*

Gary Nelson Bovard, Utica; B.S.Agr.;
M.S.; *Statistics*

Bruce Edward Buxton, Columbus;
B.S.; *Statistics*

Robert Lester Cofer, Ashville, N. C.;
B.A. (Ohio Northern University); M.A.
(Miami University); *Statistics*

John David Earnshaw, Sarnia, Ont.,
Canada; B.S. (University of Manchester);
Statistics

David Paul Koester, Aurora, Ill.;
B.A. (Augustana College); *Statistics*

Neal Alan Wallingford, Columbus;
B.S.; *Statistics*

Master of Architecture

Eight candidates

Birinder Pal Singh, Ahuja, West Point,
Miss; B.Arch. (Panjab University, India);
Architecture

Douglas Alan Bennett, Fairview Park;
B.Arch. (University of Virginia);
Architecture

Abdalla Mohamed Daab, Tripoli, Libya;
Arch. (University of Florence, Italy);
Architecture

Nicholas Paul Daley, Erie, Pa.;
B.A. (University of Pennsylvania);
Architecture

Sean Jeffrey Ehлке, Appleton, Wis.;
B.S.Arch. (University of Illinois);
Architecture

Churroo Lim, Lansing, Mich.; B.Engr.,
M.Engr. (Yonsei University); M.C.P.
(Seoul National University); *Architecture*

Aristotle R. Matsa, Columbus;
B.S.Arch.; *Architecture*

Gary R. Rutledge, Orrville;
B.S.Arch.; *Architecture*

Master of Arts

Two hundred and eighty-one candidates

Veronica L. Aicardi, Santiago, Chile;
B.A. (University of Chile); *Romance
Languages and Literatures*

Nancy Wheeler Angleberger, Granville;
B.F.A. (Columbia University); *Education*

Patricia Arthur, Columbus;
B.S.Jour. (Ohio University); *Education*

James S. Baker, Columbus;
B.A. (Capital University); *Education*

Virginia Sue Ballinger, Columbus;
B.A. (Bowling Green College); *Education*

Janice Kathleen Bell, Oregon;
B.S.Ed. (Bowling Green State University);
Education

Tamora K. Biandudi, Columbus; B.S.
(Sioux Falls College); *Education*

Mona Jean Bias, Portsmouth; B.A.
(Marshall University); M.A. (University
of Maryland); *Education*

Gregory M. Bigus, Richmond Heights;
A.B. (Heidelberg College); *Education*

Susan Reimers Billing, Columbus;
B.S.Soc.Wel.; *Education*

Deborah Marie Birdwell, Westerville;
B.S.Ed. (Kent State University);
Physical Education

David Jonathan Birnbaum, Newton, Mass.;
A.B. (Brown University); *Slavic
Languages and Literatures*

Karen M. Bjornland, Williamsville, N. Y.;
B.A. (State University of New York at
Fredonia); *Journalism*

Susan K. Blackford, Columbus;
B.A.; *Interdisciplinary: Communication,
Psychology, Sociology*

Rachelle T. W. Blosser, Philadelphia, Pa.;
B.S. (Pennsylvania State University);
Dance

Patricia Lee Blume, Columbus;
B.F.A.; *Education*

Katherine M. Wall Boehm, Columbus;
B.A. (Capital University); *Education*

Chacona Winters Bolling, Raleigh, N. C.;
B.A. (Saint Augustine's College); *Public
Administration*

Barbara Ann Boyd, Roseville, Mich.;
B.S.Ed. (Wayne State University); *Dance*

James L. Breithaupt, Mt. Vernon;
B.A.; *English*

Dale Everett Brown, East Canton;
B.S.; *Education*

Robin Jeffrey Brown, Youngstown;
B.A. (Youngstown State University);
Photography and Cinema

Kent W. Burgert, Columbus;
B.S.Ed.; *Physical Education*

Gerald Lee Burton, Baltimore, Md.;
B.S. (Livingstone College); *Education*

David Ray Busch, Westerville;
B.S.; *Education*

Sharon McDonald Cade, Columbus;
B.S. (Gonzaga University); *Education*

Blondell Jennings Capell, Thomaston, Ga.;
B.A. (Benedict College); *Education*

Scott F. Caputo, Cleveland;
B.A. (Baldwin-Wallace College); *Art*

Steven Bernard Carnes, Bellefontaine;
B.A.; *Classics*

Patricia Kay Carr, Sidney;
B.A.; *Public Administration*

Jatyna J. Covert Carter, Dublin;
B.S.Ed. (Ohio University); *Education*

Raymond W. Catalino, Ocala, Fla.;
B.A. (University of Michigan); *Journalism*

Timothy F. Champney, Yellow Springs;
B.S. (University of Utah); *Psychology*

James Michael Clark, Milwaukee, Wis.;
B.A. (University of Wisconsin);
Slavic Languages and Literatures

Jo Ann Fox Clark, Farmersville;
A.B. (Eastern Kentucky University);
English

Lynn Fischer Cook, Columbus;
B.Art Ed.; *Industrial Design*

Tushinde C. Cooper, Washington, Pa.;
B.S. (University of Pittsburgh);
Black Studies

James Edward Corpus, Fairborn;
B.F.A. (Carnegie-Mellon University);
Industrial Design

David John Cox, Columbus;
B.A.; *Sociology*

- Pamela Grace Plummer Cranston, Portland, Ore.; B.S. (Denison University); *Education*
- Walter Thomas Crawford, Prattville, Ala.; B.A. (North Texas State University); *Education*
- Anthony Crutcher, Chattanooga, Tenn.; B.A. (Knoxville College); *Economics*
- Douglas Forsyth Cummings, Berkeley, Calif.; B.A. (University of California at Santa Cruz); *Dance*
- Catherine Dew D'Andrea, Columbus; B.S.Ed.; *Education*
- Michael J. D'Arcy, Jr., Columbus; B.A. (University of Dayton); *Public Administration*
- Alison R. Davies, Cincinnati; B.A. (Indiana University); *Education*
- James Joel Davis, Halifax, Va.; B.A. (Virginia State College); *Romance Languages and Literatures*
- Laura M. Deck, Indianapolis, Ind.; B.A. (Denison University); *English*
- Lynn M. Deitzel, Oak Harbor; B.S.Ed. (Ohio University); *Education*
- Maria Celia DiBenedetto, Providence, R. I.; B.A., M.S.; *Journalism*
- Katherine Fischer Dickey, Gallipolis; B.A. (Capital University); *Education*
- LaVerne Ernest Dillon, Upper Sandusky; B.S.Bus.Adm.; *Education*
- Janet Sue Dobecki, Columbus; B.S. (Ball State University); *Education*
- David Domoracki, Solon; B.A.; *Communication*
- Scott Lewis Donaldson, Ashland; B.S.Ed. (Ashland College); *Education*
- John R. Drop, Chicago, Ill.; B.A. (University of Illinois); *Communication*
- John Lee Dryden, Columbus; B.S.Ed.; *Education*
- James Henry Drzemiecki, Columbus; B.A.; *Economics*
- Cynthia A. Dunhoff, Columbus; B.A.; *Psychology*
- Marsha Beam Dutt, Marion; B.S.Ed. (Miami University); *Education*
- Susan Jo Easter, Columbus; B.M.E.; *Music*
- Julie Mari Eder, Milwaukee, Wis.; B.F.A. (University of Wisconsin); *Dance*
- Jill Ann Estill, Middletown; B.S.Ed.; *Education*
- Janie Marie Fallon, Columbus; B.A.; *Education*
- Bahram Fesshezazian, Mt. Vernon; B.A. (Mount Vernon Nazarene College); *Education*
- Constance Snyder Fisher, Loudonville; B.A.; *Art Education*
- Harriett C. Freeman, Galion; B.A. (Ashland College); *Education*
- Donald H. Frischmann, St. Louis, Mo.; B.A. (University of Missouri); *Romance Languages and Literatures*
- Sally Fronk, Columbus; B.S.; *Education*
- Charles F. Fulton, Columbus; B.S.Ed.; *Education*
- Richard A. Gardner, Westerville; B.A. Miami University; M.A. (University of Chicago); *East Asian Languages and Literatures*
- Teni M. Garrett, Louisville, Ky.; B.A. (Oakwood College); *Psychology*
- Soterios Peter Geldis, Columbus; B.S.; *Education*
- Anita Jo Genger, Fredonia, Pa.; B.A. (Thiel College); *History*
- Linda Marie Georgeff, Cleveland; B.A.; *Public Administration*
- Pamela Sue Gerbeth, Akron; B.S.Ed.; *Education*
- Elaine S. Gerhardt, Marion; B.S.Ed.; *Education*
- Nancy Ilene Gerner, Bronx, N. Y.; B.A. (Queens College); *Communication*
- John Joseph Gilkerson, Jr., Columbus; B.S.Ed.; *Education*
- Richard Kevin Goeke, Bellefontaine; A.B. (University of Notre Dame); *Education*
- Dean J. Golembeski, New Milford, Conn.; B.A.Jour. (Washington and Lee University); *Journalism*
- Cheryl C. Griesse, Portland, Ore.; B.S. (Concordia Teachers College); *Physical Education*
- Thomas Grimes, Sandusky; B.A. (University of Toledo); *Classics*
- Norbert W. Grosche, Bremen, West Germany; *Industrial Design*
- Stephen E. Gunn, Columbus; B.S.Ed.; *Physical Education*
- Kathryn A. Haas, Canton; B.A. (Marshall University); *Physical Education*
- James K. Hadlock, North Olmsted; B.A., M.A. (Kent State University); *Philosophy*
- David T. Hall, Columbus; B.A.; *Public Administration*
- Virginia M. Halloran, Cincinnati; B.A., B.S. (University of Cincinnati); *Journalism*
- Janice Denise Hamlet, Reidsville, N. C.; B.A. (Johnson C. Smith University); *Journalism*
- Bettina Louise Hanlon, Springfield; B.A. (Gettysburg College); *English*
- Helen Jean Hatley, Butler, Tenn.; B.A. (Berea College); *Education*
- Judith Ann Heringhaus, Columbus; B.S.; M.A. (University of Michigan); *Education*
- Nancy Hitchcock, Hopkins, Minn.; B.S. (Mankato State College); *Education*
- Elizabeth A. Hoagland, Mt. Vernon; B.S.Ed. (Kent State University); *Education*
- Sharon Kissel Hoch, Columbus; B.S.Mus.Ed. (University of Dayton); *Education*
- Taryl Ann Holbrook, Washington C. H.; B.A., B.S.Ed.; *Education*
- Cornelia Clark House, Hobgood, N. C.; A.B. (Randolph-Macon Woman's College); *Education*
- Carole M. Houze, Cincinnati; B.S.Ed.; *Journalism*
- Yuh-fen Huang, Taiwan, R.O.C.; B.A. (National Taiwan University); *East Asian Languages and Literatures*
- Jody Brown Huneke, Terrace Park; B.S.Ed.; *Physical Education*
- Judith Ann Iannaccone, Rochester, N. Y.; B.A. (Denison University); *Romance Languages and Literatures*
- Janet Lee Irons, Flossmoor, Ill.; B.A. (Cornell University); *East Asian Languages and Literatures*
- John E. Irving, Columbus; A.B. (Youngstown State University); M.S.W. (University of Hawaii); *Public Administration*
- Salma Binte Ishak, Kuala Kangsar, Malaysia; B.S. (University of California at Davis); M.S.; *Education*
- Rita Faye Richardson Jackson, Granville; B.A. (Miles College); *Health Education (Physical Education)*
- Henry James, Louisville, Ky.; B.A.; *Black Studies*
- Henry L. Jenkins, Jr., Columbus; B.S.Soc.Wel.; *Public Administration*
- Sandra Swab Jindra, Gahanna; B.S.Ed. (Kent State University); *Education*
- Virginia Jordan, Westerville; B.S. (Mount Union College); *Education*
- David Joseph Kalamas, Charleroi, Pa.; B.A.; *Public Administration*
- Susan Lee Kass, North Bellmore, N. Y.; B.S. (Cornell University); *Education*
- Richard Irvin Kearsley, Blackfoot, Id.; B.A. (Brigham Young University); *Education*
- Glenn Hamilton Kell, Warren; B.A. (Kent State University); *History*
- Claudia Keller, Augsburg, Germany; *German*
- John Dana Kerezy, Cleveland; B.A. (Wabash College); *Journalism*
- Karen Sue Kimmel, Columbus; B.A. (Capital University); *Education*
- David Joel Kindinger, Columbus; B.S.Ed. (Ohio University); *Education*
- Donna M. King, Columbus; B.S.Ed. (Ohio University); *Education*
- Jane M. Kinkley, Coshocton; B.S. (Muskingham College); *Education*
- Patrick C. Kirby, Columbus; *Political Science*
- Dolores Gibson Kleiner, Dayton; B.S.Ed. (University of Dayton); *Education*
- Michael Allen Knapp, Columbus; B.A. (Wheaton College, Ill.); B.S.; *Education*
- Dale Eugene Knife, West Milton; (Wheaton College, Illinois); B.S.; *Education*
- Kathleen Marie Koval, Columbus; B.S.Ed. (Kent State University); *Education*
- Frank Bernard Krause, IV, Bedford Heights; B.A.; *Public Administration*
- Patricia Ann Kriegisch, Johnsonburg, Pa.; B.S.Ed. (Indiana University of Pennsylvania); *Communication*

- Charles Leroy Krula, Kenneth Square, Pa.; B.A. (Gettysburg College); *Education*
- Ruth E. Kubis, Worthington; A.B. (Marshall University); *Romance Languages and Literatures*
- Janet Louise Kuhn, Hilliard; B.A.; *Public Administration*
- Mark E. Langenfeld, Columbus; B.A. (Miami University); *Physical Education*
- Tien Thank Le, Saigon, Vietnam; B.A. Jur. (Van-Hanh University); *Education*
- Deborah Legorreta, Cincinnati; B.Ed.; *Education*
- Jan Lichtenwalter Lepley, New Orleans, La.; B.S. (Louisiana State University); *Journalism*
- Jeanette Kay Lewis, Columbus) B.S. (Ohio Wesleyan University); *Education*
- Woodrow Lewis, Jr., Columbus; B.A.; *Public Administration*
- Charlotte Ann Lisie, Canal Winchester; B.S. (Bowling Green State University); *Education*
- Marylin Lisowski, Newton Falls; B.A. (Carlow College); *Education*
- Kay Elaine Lynch, New Carlisle; B.S.; *Physical Education*
- Joan C  lie Mac Wood, Columbus; B.S.Ed.; *Education*
- Timothy John Mahoney, Ashtabula; B.S.Bus. Adm.; *Business Administration*
- Susan R. Mallory, Arlington, Va.; B.S.; *Physical Education*
- Loretta Marie Mangiarelli, Campbell; B.A.; *Communication*
- Anita Odell Manley, Ahoskie, N. C.; B.S. (North Carolina A. & T. State University); *Communication*
- Rita Odell Manley, Ahoskie, N. C.; B.S. (North Carolina A. & T. State University); *Communication*
- Nikki Jean Mann, Columbus; B.S.Ed.; *Education*
- Terri Lisa Marcus-Grover, West Hartford, Conn.; B.S. (University of Connecticut); *Psychology*
- Nancy Allietta Marzella, Columbus; B.A.Ed. (Ohio University); *Education*
- Joan Oldford Matchin, Newfoundland, Canada; B.A. (Memorial University of Newfoundland); *Education*
- Cheryl S. McBrearty, Springfield, Pa.; B.S.Ed. (West Chester State College); *Education*
- Patrick D. McBride, Champaign, Ill.; B.S. (University of Illinois); *Photography and Cinema*
- Johanna Elizabeth McCarthy, Rustenberg, South Africa; B.A. (Potchefatroom University); B.Ed. (University of South Africa); *Education*
- Debra Medere McCullough, Toledo; B.Ed. (University of Toledo); *Education*
- William Patrick McDonough, Edgewater Park, N. J.; B.A. (Seton Hall University); *Education*
- George Edward McGuire, Mansfield; B.S.Ed.; *Education*
- Kathleen Keller McNeal, Dayton; B.S.Soc.Wel.; *Public Administration*
- Ricardo Mendez Matta, Pio Piedras, Puerto Rico; B.S. (University of Puerto Rico); *Photography and Cinema*
- Virginia L. Meyer, Columbus; B.S.Ed.; *Education*
- Susan Gail Miller, New Johnsonville, Tenn.; B.S. (University of Tennessee); *Education*
- Pamela Rae Mitchell, Cheshire; B.A.; *Communication*
- Joaquin F. Monells, Barcelona, Spain; Licenciado (Universidad de Barcelona); *Economics*
- Aulo A. Moreno, Guasdalito, Venezuela; Indus.Tech. (State Technical University, Chile); *Education*
- Bruce Edward Mousa, New Bremen; B.A. (Asbury College); *Education*
- Edna Grace Neal, Asheville, N. C.; B.A. (University of North Carolina); *Education*
- Trudy Treneff Neel, Columbus; B.S.Ed.; *Art Education*
- Patricia A. Nichols, Columbus; B.S. (Ohio University); *Communication*
- Nancy Bross Nitcher-Liedtke, Columbus, Ga.; B.S. (Florida State University); *Education*
- William G. Nunley, Urbana; B.A.; *Education*
- Deborah E. O'Brien, Akron; B.S.Ed. (Kent State University); *Education*
- Mary Kirchner Omahan, Upper Arlington; B.A. (Manhattanville College); M.S.L.S. (University of North Carolina); *Public Administration*
- Bernadine M. Oney, Westerville; A.B. (Eastern Nazarene College); *Education*
- Carol Sue Baker Owens, Mt. Vernon; B.S.Ed. (Wittenberg University); *Education*
- David E. Owens, Lima; B.S. (St. Joseph's College); *Economics*
- Patricia Kellogg Owens, Columbus; B.S. (University of Delaware); *Physical Education*
- Ann Gregson Parkinson, Lima; B.S.Jour. (Ohio University); *Journalism*
- Benjamin Franklin Parks, San Diego, Calif.; B.A., M.A.; *Public Administration*
- Anne Miller Paschall, Columbus; B.S. (Jackson College); *Public Administration*
- Sue Anne Payne, Cleveland; B.A. (Denison University); *English*
- Helyn Christine Perdue, Columbus; B.S. (Miami University); *Health Education (Physical Education)*
- Marilyn E. Perkins, Columbus; B.S.Ed. (Central State University); *Education*
- Robert C. Perry, Fremont, Neb.; B.A. (Creighton University); *Photography and Cinema*
- Timothy Gene Phillians, Marion; B.S.Ed.; *Education*
- Richard R. Playko, Willard; B.S.Ed. (Ohio University); *Education*
- Stephen G. Pleasnick, Columbus; B.A. Parsons College); B.S.Ed.; *Education*
- Lynne E. Pletts, New York; B.S. (Skidmore College); *Dance*
- Kenneth Dean Prater, Reynoldsburg; B.A. (Morehead State University); *Art Education*
- Joseph Richard Price, Columbus; B.S.Bus. Adm. (Franklin University); M.S.W.; *Public Administration*
- Sheryl L. Chappell Prince, Columbus; B.S.; *Psychology*
- Karen Joy Print, Western Australia; B.S. (Western Australian Institute of Technology); *Education*
- Paula C. Rabidoux, Woonsocket, R. I.; B.A. (University of Rhode Island); *Communication*
- Helen Olexia Ralston, Mingo Junction; B.A. (University of Akron); *Communication*
- Susan Mary Regan, Union City, N. J.; B.A. (Bowling Green State University); *Physical Education*
- Blanca Estela Reyes, Ponce, Puerto Rico; B.A. (University of Puerto Rico); *Psychology*
- Lila Foster Rice, Chillicothe; B.S.Ed. (Ohio University); *Education*
- Edward Reed Richmond, Cincinnati; B.A. (University of Cincinnati); *Photography and Cinema*
- Ann E. Rieser, Kettering; B.A.; *Education*
- Pamela Ruth Riggles, New Concord; B.S.Ed. (Bowling Green State University); *Education*
- Diane Leigh Rinsma, Upper St. Clair, Pa.; B.S.H.Ec.; *Education*
- Carolyn Stewart Ritter, Pittsburgh, Pa.; B.S. (California State College); *Education*
- James Denton Roberts, Cincinnati; B.S.Soc.Wel.; M.S.W.; *Public Administration*
- Brenda Sue Rogerson, Belmont; B.S. (Ohio University); *Communication*
- William Tod Roop, Worthington; B.S.Ed.; *Education*
- Lorraine Muckley Rowe, Columbus; B.S.Ed. (Ohio University); *Education*
- Linda A. Stern Rubin, Columbus; B.S. (University of Pennsylvania); *Journalism*
- Virginia Gail Rudd, Lakewood; B.A.; *English*
- Jeanne M. Sabo, Lorain; B.S.Ed. (Kent State University); *Education*
- Rotimi Oladipo Salu, Lagos, Nigeria; B.A.; M.A.; *Education*
- Jean E. Sampson, Shaker Heights; B.A. (Case Western Reserve University); *Journalism*
- Louis Newton Saslaw, Columbus; B.G.S. (University of Michigan); *Public Administration*
- George Michael Schacherbauer, Ostrander; B.S.Ed. (Otterbein College); *Education*

Rachel R. Schaffer, Fredonia, N. Y.;
B.A. (University of Rochester);
Linguistics

James E. Schilder, Columbus;
B.S.Bus.Adm.; *Public Administration*

Rita M. Schilling, Dublin; B.A.
(University of South Florida); *Education*

Sheryl Ruth Sedlacek, Cedar Rapids, Ia.;
B.S. (Iowa State University); *Dance*

Anne K. Seery, Cedar Rapids, Ia.; B.S.
(Iowa State University); *Psychology*

David Andre Senko, Johnson City, N. Y.;
B.A.Jour. (University of Hawaii);
Physical Education

Joseph Balmer Shaver, Columbus;
B.A. (West Liberty State College);
Public Administration

Sung Sook Shin, New York, N. Y.;
M.A. (Korea University); *Education*

Nancy J. Shue, Akron; B.S.Ed. (University
of Akron); *Education*

Joel Allen Slayton, Dayton; B.A.;
Photography and Cinema

Ricca Coplan Slone, Chicago, Ill.; A.B.
(Washington University); M.A.
(University of California at Los Angeles);
Public Administration

Cathy Jones Smith, Circleville;
B.A.; *Communication*

Lance M. Smith, Athens, Ga.; B.A.
(University of Georgia); *Political Science*

Larry Duane Smith, Marion;
B.A. Ed.; *Art Education*

Martha G. Smith, Columbus; B.S.Ed.
(University of Cincinnati); *Education*

Lawrence Robert Snouffer, Worthington;
B.A.; *Romance Languages and Literatures*

Kenneth John Snow, Columbus;
B.A.; *Photography and Cinema*

David E. Stark, Cleveland;
B.A. (Oberlin College); *History of Art*

Larry Steider, Conneautville, Pa.;
B.A. (Goshen College); *Education*

James Edwin Stoch, Euclid;
B.S.Ed.; *Education*

Vicki L. Stoor, Mt. Sterling;
B.Mus.Ed.; *Music*

Patrick Michael Stout, Rock Island, Ill.;
B.A. (Augustana College); *Journalism*

Melba Karen Stovall, Silver Spring, Md.;
B.S.Ed. (Ohio University); *Journalism*

Kerry Michael Stroup, Columbus;
B.A. (College of Wooster); M.A.;
Public Administration

Janet H. Strouss, Youngstown; B.A.
(Ohio Wesleyan University); *Education*

Gregory Thomas Stump, Lawrence, Kans.;
B.A. (University of Kansas); *Linguistics*

Lana J. Svec, Jefferson; B.S. (Ashland
College); *Physical Education*

Alice Ngai-Li Sze, Kowloon, Hong Kong;
B.S. (University of Oklahoma); *Psychology*

Jane Loren Tarrier, Columbus;
B.S.Jour.; *Journalism*

Rainer Bernhard Teufel, Wannweil,
Germany; Certificate (Hochschule fur
Bildende Kunst); *Industrial Design*

Steven Eugene Thompson, Columbus;
B.A. (University of Notre Dame);
Public Administration

James Wittman Trapp, Columbus;
B.S.Agr.; *Public Administration*

George Lawrence Truax, Canton;
B.A. (Wheeling College); *Education*

Joyce Ann Tudor, Sedalia;
B.S.Ed.; *Education*

Marilyn Layton Turner, Blacksburg, Va.;
B.S. (Virginia Polytechnic Institute and
State University); *Psychology*

Steven Ira Ulrich, Flushing, N. Y.;
B.A. (Queens College); *Education*

Kathleen Gale Vance, Fairborn;
B.A. (West Virginia Wesleyan College);
Music

William Gary Vanderson, Columbus;
B.S.Ed.; *Physical Education*

Tara Ann Van Derveer, Niagara Falls,
N. Y.; B.A. (Indiana University);
Physical Education

Hans Cornelis vanDijk, Utrecht, Holland;
Diploma (Technical School); *Industrial
Design*

Carol Sue Vincent, Grove City;
B.S.Ed.; *Education*

Richard L. Wagner, Westerville; B.S.,
M.Ed. (Xavier University); *Public
Administration*

Kyme Elizabeth Wall, Columbus;
B.A. (Centre College of Kentucky);
Romance Languages and Literatures

Janice Marie Hellwig Wallace, Boardman;
B.S.Ed. (Ohio University); *Education*

Deborah Elliott Waltz, Zanesville;
B.S. (Kent State University); *Education*

Richard Norwood Watson, Petersburg, Va.;
B.S. (Virginia State College); *Education*

John M. West, Jr., Columbus; B.S.Bus.Adm.
Business Administration

Marcia A. Whaley, Wyoming, N. Y.;
B.S. (State University of New York
College at Brockport); *Physical Education*

Pinkie M. Whitfield, Chipley, Fla.;
B.A. (Paine College); *Political Science*

Barbara Patrice Wickson, Scotch Plains,
N. J.; B.A.; *Communication*

Keith Franklin Widaman, Dinuba, Calif.;
B.A. (Whittier College); *Psychology*

Sue Reed Wilcox, Columbus; B.A.
(University of Miami); M.R.E. (Princeton
Theological Seminary); *Education*

Donald Ferrel Williams, Groveport; B.S.Ed.
(Ohio Northern University); *Education*

Ellen M. Williams, Wake Forest, N. C.;
B.S. (Shaw University); *Communication*

Mary V. Williams, Glencoe, Ill.; B.A.
(Mundelein College); *Education*

William Richard Williams, Wilmington;
B.Mus.Ed.; *Music*

Barbara Lee Wills, Columbus; B.F.A.
(Rochester Institute of Technology);
Industrial Design

Karen S. Wilson, Columbus; B.A. (Ohio
Dominican College); *Public Administration*

Janet L. Wolcott, Pittsburgh, Pa.; B.A.
(Baldwin-Wallace College); *Economics*

Mark D. Woodall, Goleta, Calif.;
B.A. (University of California at Santa
Barbara); *Geography*

Paul Keith Woods, Zelenople, Pa.; B.S.
(Clarion State College); *Education*

Deborah Nadine Wright, Worthington;
B.S. (Urbana College); *Education*

David Wyant, Eugene, Ore.; *Economics*

Charles McClain Yates, Huntington Beach,
Calif.; B.Sc. (Ohio University); *Physical
Education*

John A. Yutzy, Columbus; B.A. (College
of Wooster); *Education*

Phyllis Marie Zajack, West Seneca, N. Y.;
B.A. (Otterbein College); *Education*

Patricia Seltzer Zech, Columbus);
B.A. (Otterbein College); *Journalism*

Noah Daniel Zecher, Chestnut Hills, Mass.;
B.A. (University of Connecticut);
Education

Henry A. Zimon, Ambridge, Pa.;
B.S. (United States Military Academy);
Geography

Master of Business Administration

Sixty-five candidates

Raymond Morse Barnum, Ashtabula; B.A.
(Hiram College); *Business Administration*

Burton E. Bell, Jr., Charleston, W. Va.;
B.S.Bus.Adm. (Fairmont State College);
Business Administration

Dominga Putian Bell, Columbus;
B.S.Bus.Adm. (Fairmont State College);
Business Administration

William A. Bohmer, Delaware;
B.S.Bus.Adm.; *Business Administration*

Mark William Brinker, Ashville;
B.S.; *Business Administration*

Ronald L. Caffo, Circleville; B.Ch.E.
B.Ch.E. (University of Dayton); *Business
Administration*

Thomas Frederick Carroll, Jr., Columbus;
B.S. (Mount Union College); *Business
Administration*

Daniel Kerry Casey, Boca Raton, Fla.;
B.B.A. (University of Notre Dame);
Business Administration

Satya Pal Singh Chauhan, Kanpur, India;
B.Tech. (Indiana Institute of Technology);
Ph.D. (Case Western Reserve University);
Business Administration

David Robert Cinadr, Brecksville;
B.S.Bus.Adm.; *Business Administration*

Charles Nicholas Costakos, Columbus;
B.A.; M.S.; *Business Administration*

Leonard J. Dibble, Warren;
B.S.Bus.Adm.; *Business Administration*

Luis T. Duran, Columbus;
Business Administration

Mark Alan Fishman, Cleveland;
B.A. (University of Rochester);
Business Administration

Stanley N. Fronzaglia, Columbus; B.A.
(Gannon College); M.S.; *Business
Administration*

Dennis E. Giroux, Woburn, Mass.;
B.S.Bus.Adm. (Boston University);
Business Administration

William Roland Groom, Sandusky;
B.S.Bus.Adm.; *Business Administration*

Jon O. Gwin, Wooster; B.A. (College of
Wooster); *Business Administration*

John Exelby Hader, Xenia; B.A. (Brown
University); *Business Administration*

David John Harnicher, Worthington;
B.S.; *Business Administration*

Jeffrey P. Jacobs, Cleveland;
B.S.Bus.Adm. (University of Kentucky);
Business Administration

Gregory Alexander Jamieson, Worthington;
B.A. (Ohio Dominican College);
Business Administration

Richard Harold Jandorek, Stamford, Conn.;
B.A. (Ohio Wesleyan University);
Business Administration

Ajitkumar C. Kadakia, Westerville;
M.S.; *Business Administration*

Jerome Swenye Kao, Taipei, Taiwan,
R.O.C.; B.B.A. (National Chengchi
University); *Business Administration*

Thomas P. Kelly, Columbus;
B.B.A. (University of Notre Dame);
Business Administration

William Peter Kleven, Columbus;
B.S.Bus.Adm.; *Business Administration*

Sui-Cheung Lau, Kowloon, Hong Kong;
B.B.A. (University of Iowa); *Business
Administration*

Robert Stanton Long, Columbus;
B.S.Bus.Adm. (Miami University);
Business Administration

Gary Lee Mayer, Crestline;
B.S. (University of Notre Dame); M.S.
(Cleveland State University); *Business
Administration*

Cheryl Stewart McCann, Columbus;
B.S. (Miami University); *Business
Administration*

Muriel Mitchell, Columbus; B.A.
(Wittenberg University); M.S.; *Business
Administration*

John Paul Nalezienski, Haverhill, Mass.;
B.A. (Salem State College); M.S.;
Business Administration

Michael J. O'Connor, Worthington;
B.S.Bus.Adm.; *Business Administration*

Laura Lynn Palmer, Columbus; B.A.
(Union College); *Business Administration*

Augustine Thomas Piner, Jr., Morehead
City, N. C.; B.S.Bus.Adm.; *Business
Administration*

Gary M. Reetenwald, Toledo; B.S., M.S.;
Business Administration

Nancy L. Reynolds, Portsmouth;
B.A. (Wittenberg University);
Business Administration

Patrick Wilson Saint, Columbus;
B.A. (Muskingum College); *Business
Administration*

John Robert Sanders, Dublin;
B.S. (University of Maryland);
Business Administration

Donald Hoyt Savery, Falmouth, Mass.;
B.S.Bus.Adm. (Thiel College);
Business Administration

William Joseph Schedel, Cincinnati;
B.A.; *Business Administration*

Steven T. Schira, Columbus;
B.S.; *Business Administration*

Richard D. Schrock, Columbus;
B.S.; *Business Administration*

Dara Alexander Shahgholi, Tehran, Iran;
B.A. (Oberlin College); *Business
Administration*

Ned A. Skipper, Columbus;
B.S. (University of Cincinnati);
Business Administration

Stephen Mark Stanley, Columbus;
B.S. (Miami University); *Business
Administration*

James Bernard Stucker, Columbus;
B.A. (Denison University); *Business
Administration*

Paul Robert Swenson, Akron;
B.S.; *Business Administration*

Daniel M. Szent, Columbus;
Business Administration

Noboru Takagi, Urawa, Japan;
B.A. (Keio University); *Business
Administration*

Michael L. Tate, Columbus;
B.A. (Williams College); *Business
Administration*

Richard George Vance, Broomall, Pa.;
Business Administration

James Bryant Waddell, Columbus;
B.S. (United States Naval Academy);
Business Administration

Hugh Emanuel Walker, Columbus;
B.S. (St. John's University);
Business Administration

Timothy R. Walters, Akron;
B.S. (Carson-Newman College); M.S.;
Business Administration

Takao Watanabe, Toyohashi, Japan;
B.A. (Hitotsubashi University);
Business Administration

Thomas Edward Wessel, Columbus;
B.S.Bus.Adm.; *Business Administration*

Thomas Phillip Wieske, Westerville;
B.S.E.E. (Florida Institute of Technology);
Business Administration

John Calvin Wise, Jr., Steubenville;
B.S. (Miami University); *Business
Administration*

Pamela S. Rinearson Withey, Fairborn;
B.S. (Purdue University); *Business
Administration*

Raymond Siu Lun Wong, Hong Kong;
B.B.A. (University of Wisconsin);
Business Administration

Robert Peter Woodard, Upper Arlington;
A.B. (Georgetown University); *Business
Administration*

Kevin Edward Worriow, Lima;
B.S.Bus.Adm.; *Business Administration*

Christina Jane Yeack, Toledo; B.B.A.
(University of Toledo); B.A. (College of
William and Mary); *Business
Administration*

Mark Kevin Bechtel, Hammond, Ind.;
B.S. (Manchester College); *City and
Regional Planning*

Melanie C. Bishop, Oak Forest, Ill.;
B.A. (Northern Illinois University);
City and Regional Planning

Cynthia A. Buchanan, Hudson; B.A. (Ohio
University); *City and Regional Planning*

David Curtis Carpenter, Westerly, R. I.;
B.A. (Franklin and Marshall College);
City and Regional Planning

Robert Joseph Cheshure, Charleroi, Pa.;
B.S.Land.Arch. (Pennsylvania State
University); *City and Regional Planning*

Tomihide Chishina, Wakayama, Japan;
B.E. (Shibaura Institute of Technology);
City and Regional Planning

Alan Clifford Clark, Knoxville, Tenn.;
B.S.Bus.Adm. (University of Tennessee);
City and Regional Planning

David Lee Dennis, New Knoxville;
B.A. (Miami University); *City and
Regional Planning*

Gregory Arthur Griffith, Dallas, Tex.;
B.S. (Miami University); *City and
Regional Planning*

Philip Ross Hopkins, Columbus;
B.S. (University of Michigan); *City and
Regional Planning*

Harold Chike Mba, Ogidi, Anambra,
Nigeria; B.S. (University of Nigeria);
City and Regional Planning

George Nwaefido Mekwunye, Ubulu-Okiti,
Nigeria; B.S. (University of Ibadan);
City and Regional Planning

Lawrence M. Novicky, Youngstown;
B.A. (Youngstown State University);
M.A.; *City and Regional Planning*

Edward A. Owens, Newark; B.S.Arch.;
City and Regional Planning

Joseph Andrew Pobiner, Princeton, N. J.;
B.A.; *City and Regional Planning*

Phillip Barry Prescott, Providence, R. I.;
B.A. (Boston University); *City and
Regional Planning*

Knight Lewis Seavey, Lynnfield, Mass.;
B.A.Arch. (University of New Mexico);
City and Regional Planning

Bruce Joseph Siciliano, Pittsburgh, Pa.;
B.A. (Old Dominican University);
City and Regional Planning

Francis J. Tokarsky, Jr., Dayton;
B.S. (Wright State University); M.A.;
City and Regional Planning

John M. Tomasik, Cleveland; B.A. (Case
Western Reserve University); *City and
Regional Planning*

James H. Walker, Jr., Columbus;
B.S.Bus.Adm. (Tennessee State
University); *City and Regional Planning*

Barbara Gesell Walters, Grundy Center,
Ia.; B.A. (Boston University); M.A.;
City and Regional Planning

Master of Fine Arts

Four candidates

Michael Butler Jones, Yellow Springs;
B.F.A.; *Art*

Benjamin Knepper, Columbus;
B.F.A.; *Art*

Master of City and Regional Planning

Twenty-three candidates

Gregory K. Aldrich, Perry, N. Y.; B.A.
(State University of New York at
Buffalo); *City and Regional Planning*

James Burton Siegel, Covington;
B.F.A.; *Art*
Janell Louise Wicht, Gibbon, Neb.;
B.S. (University of Nebraska); *Art*

Master of Labor and Human Resources

One candidate

Robert A. Owens, Columbus;
B.S.Ed.; *Labor and Human Resources*

Master of Music

Eleven candidates

Robert Michael Birch, Concord, N. H.;
B.M. (University of New Hampshire); *Music*

Rick Michael Brunetto, Piqua;
B.M. (University of Cincinnati); *Music*

Loral Alberta Cook, Fair Haven, N. Y.;
B.M. (Ithaca College); *Music*

Mark Steven Cornelius, Marion;
B.M. (University of Cincinnati); *Music*

Nelson Owen Harper, Columbus;
B.M.; *Music*

Darren Wayne Holbrook, Boca Raton, Fla.;
B.F.A. (Florida Atlantic University); *Music*

Patricia Anne Palmer, Defiance;
B.M.E.; *Music*

Daryl L. Phillips, Concord, Calif.;
B.M. (Shenandoah Conservatory of Music); *Music*

Jeffrey Jay Rideout, Evansville, Ind.;
B.S.Mus.Ed. (Ball State University); *Music*

Mark Wasmund Sopp, Columbus;
B.M.; *Music*

Mary-Jane Stewart, Westerville;
B.M.E. (Otterbein College); *Music*

Master of Public Administration

Nineteen candidates

Brett Lawrence Baby, Columbus;
B.A.; B.S.Ed.; *Public Administration*

Therese Marie Bechtos, Erie, Pa.;
B.A. (Mercyhurst College); *Public Administration*

Daniel James Beck, Cincinnati;
B.A. (University of Cincinnati); M.A.; *Public Administration*

Robert Edward Behlen, III, Rocky River;
B.A. (Marietta College); *Public Administration*

James Allen Bowman, Reynoldsburg;
B.S.; *Public Administration*

Joseph Frank Cade, Columbus;
B.S. (Gonzaga University); *Public Administration*

Gerald L. Fischer, Columbus;
B.A.; *Public Administration*

Larry Hall Gilliland, Holgate;
B.S.Ed. (Defiance College); *Public Administration*

Leanna Holmer, Dayton;
B.A.; *Public Administration*

Albert George Hovanec, West Mifflin, Pa.;
B.S. (Indiana University of Pennsylvania); *Public Administration*

Mark Edward Nagel, Wilmington Dela.;
B.A.A.S. (University of Delaware); *Public Administration*

Michael Keene O'Connell, Kettering;
B.A. (Miami University); *Public Administration*

Karen A. Pettito, Clarksburg, W. Va.;
B.A.; *Public Administration*

Cheryl Ann Roller-Clark, Wooster;
B.S. (Mount Union College); *Public Administration*

Anthony F. Salvatore, Akron;
B.A.; *Public Administration*

Richard Allen Shein, New York, N. Y.;
B.S.Nat.Res.; *Public Administration*

Daniel David Skrzypek, Benwood, W. Va.;
B.S.B.A. (West Virginia University); *Public Administration*

Danny J. Terrible, Grove City;
B.A.; *Public Administration*

James J. Yatsko, Youngstown;
B.A.; *Public Administration*

Master of Science

Two hundred and seventeen

Susan Kathleen Abbott, Columbus;
B.S.; *Home Economics*

Ramdzani Bin Abdullah, Seremban, Malaysia;
B.S. (University of California at Davis); *Natural Resources*

Lillian Abrego, San Antonio, Tex.;
B.A. (Our Lady of the Lake College); *Metallurgical Engineering*

Russel Raymond Allinson, Columbus;
B.S.Pharm. (University of Pittsburgh); *Pharmacy*

Elaine Alton Alton, Columbus;
B.A. (Bluffton College); *Home Economics*

Mark Lauren Andersen, Medina;
B.S., M.S. (University of Missouri); *Allied Medical Professions*

Ronnie L. Anderson, Amsterdam;
B.A. (Kent State University); D.D.S.; *Dentistry*

William James Andrews, Cleveland;
B.S. (John Carroll University); *Allied Medical Professions*

Robert Michael Andryscio, Parma;
B.S. (Ashland College); *Veterinary Physiology and Pharmacology*

Karen Lee Barnes, South Euclid;
B.S. (Denison University); *Home Economics*

James George Barrera, Mountaintop, Pa.;
B.E. (Stevens Institute of Technology); *Civil Engineering*

Ann Elizabeth Moore Bartolacci, Pine City, N. Y.; B.S.N. (University of Virginia); *Nursing*

Robert J. Bartolotta, Chesterland;
B.A. (Case Western Reserve University); *Botany*

Richard Marion Basel, Bradner;
B.S., M.S. (Bowling Green State University); *Horticulture*

Brian John Battersby, Bethesda, Md.;
B.S.; *Zoology*

Phillip Julian Beckwith, Columbus;
B.A. (Miami University); D.D.S.; *Dentistry*

Mary Dane Bell, Columbus;
B.A.; *Preventive Medicine*

J. Paul Benson, Jr., Bethesda, Md.;
B.S.E.E. (North Carolina State University); *Electrical Engineering*

Walter D. Betsch, Jr., Bexley;
B.S.; *Entomology*

Brian Robert Bimonte, Miami, Fla.;
B.S. (University of Dayton); M.S.; *Computer and Information Science*

Lesley H. Binkley, Jr., Columbus;
B.S., D.D.S. (University of Tennessee); *Dentistry*

Arthur Bocian, Brooklyn, N. Y.; B.A. (New York University); *Mathematics*

Charles E. Bohman, Minster;
O.D.; *Physiological Optics*

Choaieh Bousha, Jijel, Algeria;
B.S. (University of Montreal); *Electrical Engineering*

Lawrence R. Bramlage, Columbus;
D.V.M. (Kansas State University); *Veterinary Clinical Sciences*

John Michael Brennan, Columbus;
B.S.Ed.; *Natural Resources*

Thomas M. Brewer, Fairview Park;
B.S., M.S.; *Computer and Information Science*

Jeffrey Ian Brown, Mayfield Heights;
B.S. (University of Miami); *Physiology*

Marsha Jo Anne Brown, Cincinnati;
B.S. (Miami University); *Plant Pathology*

Elizabeth Gail Bryant, Waynesville;
B.S.Nat.Res.; *Agricultural Economics and Rural Sociology*

Ronald Evans Cade, Akron;
B.A., D.M.D. (University of Pittsburgh); *Dentistry*

Victor Gene Campbell, Galion;
B.S.Nurs.; *Nursing*

Donald Michael Centofante, Campbell;
B.S.Ed. (Northwestern University); D.D.S.; *Dentistry*

David Michael Champion, Pittsburgh, Pa.;
B.S. (Rensselaer Polytechnic Institute); *Computer and Information Science*

Shu-Jen Chan, Taiwan, R.O.C.;
B.S. (National Taiwan University); *Agricultural Economics and Rural Sociology*

Wailing Leslie Chan, Hong Kong;
B.S. (West Liberty State College); *Chemistry*

Ruth Ann Chavez, Dayton;
B.S.Nurs.; *Nursing*

Benjamin Ta-Pen Chen, Taiwan, R.O.C.;
B.S.E. (Feng Chin College of Engineering); *Welding Engineering*

James Ja-Mai Chen Taiwan, R.O.C.
B. Engr. (Chung-Yuan Christian College of Science and Engineering); *Industrial and Systems Engineering*

- Ming-Sheh Chen, Taiwan, R.O.C.;
B.Dent. (Taipei Medical College);
Dentistry
- Nelson Ching Yeung Chow, Hong Kong;
B.S. (University of Georgia); *Chemistry*
- David Paul Cianelli, Columbus;
B.S.Met.E.; *Metallurgical Engineering*
- Allen Keith Clark, Cutler;
B.S.Agr.; *Agricultural Education*
- Dimitri José Cordero, Panama City,
Panama; B.S. (Rose Hulman Institute
of Technology); *Mechanical Engineering*
- Patrick J. Costello, Davenport, Ia.;
B.S. (Harvey Mudd College); *Mathematics*
- Robert Michael Crassweller, Columbus;
B.S. (Miami University); *Horticulture*
- Kenneth Haldane Cunin, Columbus;
B.S. (Mount Union College); D.D.S.;
Dentistry
- Brian Lindley Davis, Louisville, Ky.;
B.S.E.E. (Purdue University);
Electrical Engineering
- Robert Scott Dawson, Painesville;
B.S.; *Geology and Mineralogy*
- Nareesh K. Dhiman, Panjab, India;
B.A., M.A. (Panjab University);
Mathematics
- Joseph Robert Dobson, Columbus;
B.A.; *Physiology*
- David Lee Dresel, Miamisburg; B.E.E.
(University of Dayton); *Electrical
Engineering*
- Mark Steven Dreyfuss, Columbus;
B.S.; *Poultry Science*
- Nathan Harry Drum, Drums, Pa.;
B.S. (Pennsylvania State University);
Entomology
- Subbarao Duvvuri, Eluru, India;
M.Sc. (Indian Institute of Technology);
*Agricultural Economics and Rural
Sociology*
- Nancy Catherine Dziuba, Birmingham,
Mich.; B.A. (Albion College); *Allied
Medical Professions*
- Roy S. Edelstein, New York, N. Y.;
A.B. (Cornell University); M.A.;
Computer and Information Science
- Russell J. Ernst, Pittsburgh, Pa.;
B.B.A. (University of Notre Dame);
Allied Medical Professions
- Steven Errede, St. Paul, Minn.;
B.S. (University of Minnesota); *Physics*
- Diana Marie Essock, New York, N. Y.;
B.S. (Case Western Reserve University);
Metallurgical Engineering
- Wanda B. Fako, Westlake; B.S.N. (Kent
State University); *Nursing*
- Reynaud Farve, New Orleans, La.;
B.S. (Xavier University); *Zoology*
- Douglas Whitney Fellows, Storrs, Conn.;
B.S. (University of Connecticut); *Anatomy*
- Nicholas Ferencz, Cleveland; B.S.Pharm.,
B.A. (Cleveland State University);
M.S.L.S. (Case Western Reserve
University); *Pharmacy*
- Jennifer Lewis Finelli, Columbus;
B.S.; *Home Economics*
- Gene Dennis Flinn, Kenton; B.S.E.E. (Ohio
University); *Electrical Engineering*
- Joanne Flynn Frantz, Columbus;
B.A. (Connecticut College); *Home
Economics*
- Carol A. Friedhoff, Phillipsburg, N. J.;
B.A. (Saint Francis College); *Industrial
and Systems Engineering*
- Rebecca Garbett, Columbus;
B.S.; *Allied Medical Professions*
- John Joseph Gavin, Bronx, N. Y.;
B.A. (City College of New York);
Computer and Information Science
- Karl B. Gills, Roanoke, Va.; B.S.
(University of Denver); *Allied Medical
Professions*
- Elaine C. Glass, Springfield;
B.S.Nurs.; *Nursing*
- Kent Russell Glaus, Mogadore; B.S. (Kent
State University); *Genetics*
- Jack H. Goldman, New York, N. Y.;
B.S. (State University of New York);
Environmental Biology
- Gary David Grothaus, Dayton;
B.S.; *Microbiology*
- Thomas Johnson Hall, Columbus;
B.S. (State University of New York College
of Forestry at Syracuse); *Plant Pathology*
- Benjamin J. Harman, Brookville;
B.S.Nat.Res.; *Natural Resources*
- Ronald Chester Hartwig, North Olmsted;
B.S. (University of Akron); *Natural
Resources*
- Michael D. Hayes, Waterford;
B.S.W.E.; *Welding Engineering*
- Thomas David Haywood, Berkeley Springs,
W. Va.; B.S. (Davis and Elkins College);
M.S.; *Computer and Information Science*
- David Mark Heller, Beachwood;
B.S. (Tulane University); *Zoology*
- Tye Jan Henschen, Bowling Green;
D.V.M.; *Veterinary Clinical Sciences*
- Virginia Lee Herr, Fort Washington, Md.;
B.S. (Towson State University);
Computer and Information Science
- Kelvin T. Higa, Kailua, Hawaii;
B.S. (University of Southern California);
Chemistry
- Yahya Hodjat, Iran; Licentiate (Arya-
mehr University of Technology);
Metallurgical Engineering
- Robert Earl Hollis, Springfield, Ill.;
B.S.C.E. (Prairie View A & M College,
Texas); *Civil Engineering*
- Sally Kempton Hood, Roanoke, Va.;
B.S. (Oklahoma State University);
Natural Resources
- Stephen M. Hoover, Worthington;
B.B.A. (Kent State University);
Allied Medical Professions
- Joan Hergesheimer Horn, Yellow Springs;
B.A. (Antioch College); *Natural Resources*
- John Edward Horner, Dayton;
B.S.M.E. (University of Akron);
Mechanical Engineering
- Alan E. Horowitz, Malverne, N. Y.; B.A.;
D.M.D. (University of Pennsylvania);
Dentistry
- Henrietta Howard, Columbus;
B.S. (Winston-Salem State University);
Computer and Information Science
- Liang Choo Hsia, Hong Kong;
M.S. (Ohio University); *Physics*
- Ralph E. Hubner, Jr., Columbus;
B.S.; *Zoology*
- Timothy Carl Ish, Columbus;
B.S.Arch.; *Civil Engineering*
- Karen S. Jackson, Columbus;
B.A. (Ohio Wesleyan University);
Allied Medical Professions
- Kevin Eugene Jewell, Wooster; B.S.
(University of Akron); *Natural Resources*
- Joseph F. Jordan, Portsmouth, Va.;
B.A. (Norfolk State College); M.A.;
Preventive Medicine
- Ilana Nancy Kaplan, Gary, Ind.; B.A.
(Indiana University); *Home Economics*
- William Clark Keller, Dodge City, Kans.;
B.A. (University of Kansas); D.V.M.
(Kansas State University); *Veterinary
Physiology and Pharmacology*
- Billie Lou Phelps Khan, Columbus;
B.S.; *Allied Medical Professions*
- Steven Mark Kiger, Bowling Green;
B.S.I.S.E., B.S.E.E.; *Industrial and
Systems Engineering*
- Shirley A. Kindrick, Columbus;
B.S.H.E.; *Home Economics*
- James Dennis Kiper, Columbus; B.A.
(Olivet Nazarene College); *Mathematics*
- Kenneth Paul Kirchner, Bantam, Conn.;
B.A. (Alfred University); *Mathematics*
- Peter Stephen Konjoian, Andover, Mass.;
B.S. (University of New Hampshire);
Horticulture
- Susan Jane Kopka, Detroit, Mich.;
B.S.Nat.Res.; *Natural Resources*
- Mark Alan Kramer, Shaker Heights;
B.S. (Case Western Reserve University);
Preventive Medicine
- Thomas Allan Krinov, Canal Fulton;
Natural Resources
- William Randy Kubetin, Euclid;
B.S. (Kent State University); *Botany*
- Sally J. Lambertson, Gouverneur, N. Y.;
B.S. (University of Maryland);
Home Economics
- Nand K. Lambha, Athens; B.S., M.S.
(Kurukshetra University); B.S. (Ohio
University); *Mechanical Engineering*
- Jane M. Lamp, Columbus;
B.S.N.; *Nursing*
- Margaret A. Larkin, Columbus;
B.S.Nurs. (Capital University);
Allied Medical Professions
- David Bruce Lawful, Alexandria, Va.;
B.A. (University of California at
Santa Barbara); *Mathematics*
- Daniel J. Lebish, Green Bay, Wis.;
B.A.Bus.Adm. (Saint Norbert College);
Allied Medical Professions
- Edward G. Lewis, Dayton;
B.S. (Wilmington College); *Agricultural
Economics and Rural Sociology*
- Therthenia Williams Lewis, Dayton;
B.S. (University of Dayton); *Home
Economics*

- Jui Jer Lin, Taipei, Taiwan, R.O.C.;
B.S.Agr. (National Taiwan University);
Statistics
- Wai-Chi Liu, Hong Kong; B.S.; (University
of Wisconsin); *Chemistry*
- Glenna Kay Long, Laramie, Wyo.;
B.S. (University of Wyoming);
Mathematics
- Debra F. Longworth, Monroe; B.S. (Miami
University); *Plant Pathology*
- Susan Jane Mase, Columbus;
B.S.; *Allied Medical Professions*
- Wendy Howell McCullen, Gates Mills;
B.S.; *Zoology*
- Mark Allan McDonnell, Columbus;
B.S.; *Preventive Medicine*
- Nathan Wayne McNeal, West Lafayette;
B.S.Agr.; *Agricultural Education*
- Eugene Francis Meany, Metuchen, N.J.;
B.S.Bus.Adm. (Susquehanna University);
Allied Medical Professions
- Anita Maria Migday, Kettering;
Dairy Science
- Deborah Ann Mills, Cuyahoga Falls;
B.S.Nurs.; *Nursing*
- Mark Allen Miller, Massillon;
B.A. (College of Wooster); *Chemistry*
- Stephen Sherman Miller, Columbus;
B.S.; *Mathematics*
- Dona Morrison Mills, Westerville;
B.S. (Western Kentucky University);
Home Economics
- Jay Matthew Mirtallo, Stamford, N.Y.;
B.Sc. (University of Toledo); *Pharmacy*
- David Ross Monfort, Columbus;
B.S. (University of Notre Dame);
D.D.S.; *Dentistry*
- Kenneth Aubrey Moore, Trenton, N.C.;
B.S. (North Carolina Central University);
Mathematics
- James Frederick More, Cincinnati;
B.S.; M.Ed. (University of Cincinnati);
Electrical Engineering
- Kathy M. Morland, Grove City;
B.S.; *Natural Resources*
- Bobby Lorenzo Morris, Norfolk, Va.;
B.S. (Norfolk State College); *Computer
and Information Science*
- Mark Joseph Newman, Seville;
Dairy Science
- David Andrew Nikula, Reynoldsburg;
B.S. (Oregon State University);
B.S. (Lewis and Clark College); *Pharmacy*
- Kenneth Ray Nixon, North Canton;
B.S.; *Geology and Mineralogy*
- Stephen Paul Oliver, Cortland, N.Y.;
B.S. (North Carolina State University);
Dairy Science
- Daniel J. O'Meara, Deerfield, Ill.;
Natural Resources
- Edward John O'Neill, Rochester, Minn.;
B.S. (University of Minnesota);
Mathematics
- George Michael Pantalos, Columbus;
B.S.A.A.E.; *Bio-Medical Engineering*
- Michael Alan Peplowski, Rensselaer, N.Y.;
B.S. (Cornell University); *Animal Science*
- Lawrence John Pesko, Columbus;
B.S.Pharm. (Ohio Northern University);
Pharmacy
- Michael Leonard Petry, Lawton, Okla.;
B.S.Pharm. (Southwestern Oklahoma State
University); *Pharmacy*
- Harold Lee Pickens, St. Clairsville;
B.S.; *Microbiology*
- Michael Everett Placke, Columbus;
B.S.; *Animal Science*
- McClellan Platt-Rayfield, Bloomington,
Ind.; B.A. (Indiana University);
Computer and Information Science
- William J. Polinski, Columbus;
Physiology
- Richard T. Pruiksma, Columbus;
B.S. (Iowa State University); *Chemistry*
- James J. Quattrochi, Abington, Pa.;
B.S. (Syracuse University); *Pathology*
- Thomas James Rea, Columbus;
B.S.; *Microbiology*
- William Charles Reiss, Columbus;
B.S.; *Agricultural Education*
- Denise Ann Remy, Portsmouth;
B.S.; *Physiological Optics*
- Kenneth Robert Rider, Marion;
B.S.Agr.; *Agricultural Education*
- Young-Key Ro, Korea; B.S. (Chung-Ang
University); *Agricultural Economics and
Rural Sociology*
- Shelley Ann Robinson, Beachwood;
B.A.; *Home Economics*
- Karen M. Rosenberry, Columbus;
B.S.Nurs.; *Veterinary Physiology and
Pharmacology*
- Ross H. Russell, Fayette City, Pa.;
B.S. (Westminster College); *Mathematics*
- Kamal Nabil Ali Safwat, Cairo, Egypt;
B.S. (Cairo University); *Civil Engineering*
- Hossein Sanadgol, Columbus;
B.S., M.S. (Ball State University);
Physiology
- Charles Edward Sanders, II, Kinston, N.C.;
D.D.S. (Howard University); *Dentistry*
- George Earl Sandusky, Jr., Thornville;
B.S. (Ohio University); D.V.M.;
Veterinary Pathobiology
- David A. Savitz, Columbus;
Preventive Medicine
- Mark Phillip Schad, Norwood;
B.S.; *Animal Science*
- Marcia Milhan Schroeder, Covington, La.;
B.S.Nurs.; *Nursing*
- Paul L. Schwimmer, Tel-Aviv, Israel;
B.S. (University of Cincinnati);
Electrical Engineering
- Veda Marie Cafazzo-Sciulli, Pittsburgh,
Pa.; B.A. (University of Pittsburgh);
Zoology
- Dale Harold Scott, Seattle, Wash.;
B.S. (Washington State University);
Pharmacy
- Jerry Lindy Scott, Columbus;
B.G.S. (University of Nebraska);
Allied Medical Professions
- Dwight Herbert Segan, Greenville;
B.S.; *Agricultural Education*
- Zulkifli B. Senter, Perak, Malaysia;
B.S. (Louisiana State University);
*Agricultural Economics and Rural
Sociology*
- Susan Andrianson Skambis, North Ft.
Myers, Fla.; B.S. (Florida State College);
Genetics
- Thomas George Slama, Gary, Ind.;
B.A., M.D. (Indiana University);
Medical Microbiology
- Duane M. Smith, Canton;
B.S.; *Horticulture*
- Grant M. Smith, Chillington, Pa.;
B.S. (United States Military Academy);
Industrial and Systems Engineering
- Robin Dorothy Smith, Uncasville, Conn.;
B.S. (Trinity College); *Physiology*
- Susan Kay Smith, Marietta;
B.S. (Marietta College); *Chemistry*
- Frederic L. Snyder, West Liberty;
B.S.; *Natural Resources*
- Scott Douglas Somers, Euclid;
B.S.; *Microbiology*
- Stevan Jay Sprague, Vincent;
B.S.; *Agricultural Education*
- James Brooks Staton, III, Greensboro,
N.C.; A.B. (Guilford College); M.A.
(University of North Carolina); *Computer
and Information Science*
- Sherry Lee Stauffer, Ashland;
*Agricultural Economics and Rural
Sociology*
- Carl Wayne Steele, Lisbon;
B.S.; *Anatomy*
- Lawrence H. Stember, Jr., Columbus;
B.S. (University of Notre Dame);
Industrial and Systems Engineering
- Joel Swanson, Hopewell, N.J.;
B.S. (Rutgers University); *Botany*
- Jeanne Hoffmaster Tomlinson, Columbus;
B.A. (Blackburn College); *Computer and
Information Science*
- Rebecca Lou Trendle, Columbia Station;
B.S.; *Dairy Science*
- Larry Eugene Tucker, Columbus;
B.S.Occ.Thor. (University of Kansas);
Allied Medical Professions
- Michael L. Unger, Chicago, Ill.;
B.S. (University of Illinois); *Chemistry*
- Steven Elmer Vance, Mt. Sterling;
B.S.; *Agricultural Education*
- John Albert Veverka, Mansfield;
B.S.; *Natural Resources*
- Kathleen A. Vogel, Columbus;
B.S.; *Allied Medical Professions*
- Margaret Russel Wagner, Columbus;
B.S. (Bowling Green State University);
Home Economics
- Barbara Mary Wallner, Westlake;
B.S. (Ashland College); *Veterinary
Physiology and Pharmacology*
- Shih-Tung Justin Wang, Taipei, Taiwan,
R.O.C.; B.S. (National Tsing-Hua
University); *Physics*

Leslie A. Wanner, Berea;
B.S. (Miami University); *Botany*

Jane C. Warner, Worthington;
B.S.Nat.Res.; *Horticulture*

Virginia Lee Watters, Massillon;
B.S. (Guilford College); *Agronomy*

Steven Jay West, Cleveland; B.A. (Miami University); *Allied Medical Professions*

Ronald H. Whitaker, Mundelein, Ill.;
B.S. (Boston College); *Allied Medical Professions*

Don R. Wilkins, Shreveport, La.; D.D.S.
(Louisiana State University); *Dentistry*

¹Gary W. Wilson, Jenera;
Agricultural Education

John McMillen Wilson, Jr., Dayton;
B.S. (University of Minnesota);
Aeronautical and Astronautical Engineering

Thomas E. Winkler, Hudson; B.A. (Hiram College); *Chemical Engineering*

Soottipong Winyooprast, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Geodetic Science*

Robert Alan Wissinger, Worthington;
B.S.Pharm. (University of Cincinnati);
Allied Medical Professions

Christopher Dean Wollam, Rosyn, Wash.;
B.S. (Eastern Washington State College); *Nuclear Engineering*

Suzie Kay S. Wrigley, Canton;
B.S.Soc.Wel.; *Home Economics*

Mei-Yu Wu, Hsinshu, Taiwan, R.O.C.;
B.S. (National Taiwan University);
Agricultural Economics and Rural Sociology

Chong Bum Yi, New York, N. Y.;
B.S. (In-Ha University); *Engineering Mechanics*

Ralph Hendricks Young, Kingsport, Tenn.;
B.S.E.E. (University of Tennessee);
Electrical Engineering

Gerald Yet Tong Yung, Honolulu, Hawaii;
B.S.E.E. (University of Hawaii);
Electrical Engineering

Virginia Zrebiec, South Amboy, N. J.;
B.S. (Rutgers University); *Horticulture*

Master of Social Work

One hundred and two candidates:

Ellen Kubay Adkins, Fairborn; B.A.
(Wright State University); *Social Work*

Jane Carolyn Allen, Danville, Va.; B.A.
(Wake Forest University); *Social Work*

Marie Mae LaMark Allison, New York, N. Y.; B.S. (University of Cincinnati);
Social Work

Joy Elaine Atchison, Greensboro, N. C.;
B.A. (Mount Union College); *Social Work*

Marie LaVelle Beck Baird, Cincinnati;
B.S. (North Texas State University);
Social Work

Gerald L. Bale, Sunbury; B.A. (Marion College); *Social Work*

Carol Scarborough Baskin, Houston, Tex.;
B.S. (Texas Tech University); M.S.
(Texas A & M University); *Social Work*

Richard Reichenbach Beck, Columbus;
B.A. (Bluffton College); *Social Work*

Nan Giblin Beeler, Birmingham, Mich.;
B.A. (Michigan State University);
Social Work

Stuart M. Berry, New York City, N. Y.;
B.A.; *Social Work*

Julie Beth Burger, Yongers, N. Y.;
B.A. (Herbert H. Lehman College);
Social Work

Richard L. Calvin, Chillicothe;
B.A. (Ohio University); *Social Work*

Sandra Doss Cannon, Nashville, Tenn.;
B.S. (Tennessee State University);
Social Work

Mona L. Carey, Bancroft, Neb.;
B.A. (Wheaton College); *Social Work*

Patricia Helen Carl, West Haven, Conn.;
B.S.W. (Southern Connecticut State College); *Social Work*

Richard V. Carrick, Columbus; B.A.
(Allegheny College); *Social Work*

Rebecca Lynn Carstens, Columbus;
B.A. (Miami University); *Social Work*

Rosalie Kefalas Clark, Mansfield;
B.S.; *Social Work*

Juanita W. Curran, Columbus;
B.A. (Simmons College); *Social Work*

Jacqueline Bass Dickens, Cincinnati;
B.S. (Hampton Institute); *Social Work*

David Joseph Dirr, Cincinnati;
B.S. (Bowling Green State University);
Social Work

Joanne Schneiderman Dole, Columbus;
B.A. (Earlham College); *Social Work*

Kimberly Leslie Doughty, Springfield;
B.A. (Wright State University);
Social Work

Rebecca Maher Drake, Dayton;
B.S.Soc.Wel.; *Social Work*

Carol Julia Duesing, Columbus; B.A.
(University of Cincinnati); *Social Work*

Sharon Turner Eaton, Detroit, Mich.;
B.S. (Eastern Michigan University);
Social Work

Neal Scott Edgar, Maple Heights;
B.A.; *Social Work*

Robert F. Elsej, III, New Carlisle;
B.A. (University of Dayton);
Social Work

Donna Lee Enckler, Columbus;
B.S.Soc.Wel.; *Social Work*

Karen Eye, Columbus;
B.A.; *Social Work*

Marybeth Bubnick Falcone, Seven Hills;
B.S. (Kent State University); *Social Work*

Peter Christian Farese, Columbus;
B.A. (Rutgers University); *Social Work*

Michael Earl Folmar, Columbus;
B.A.; *Social Work*

Timothy James Fuente, Canton;
B.S.; *Social Work*

Keith DeWitt Gatewood, Zanesville;
B.S. (Bowling Green State University);
Social Work

Thomas Lynn Gilliom, Bluffton, Ind.;
B.S. (Ball State University); *Social Work*

Donna Michael Gleckler, Cincinnati;
B.A. (University of Cincinnati);
Social Work

Bonnie Mae Golden, Grove City; B.S.
(Richard Stockton College); *Social Work*

Teresa H. González, Puerto Rico; B.A.
(Chestnut Hill College); *Social Work*

Patricia Ann Gow, Columbus;
B.S.Soc.Wel.; *Social Work*

Robert Allan Hack, Columbus; B.A.
(Ohio Dominican College); *Social Work*

William Joseph Hambor, Columbus;
B.S.; *Social Work*

Sharon Lee Hanger, Columbus;
B.A. (University of Dayton); *Social Work*

Pamela Rogers Hathaway, Columbus;
B.A. (Case Western Reserve University);
Social Work

Jeffrey Alan Hill, Columbus;
B.A. (Capital University); *Social Work*

Dolores C. Hoke, Worthington;
B.A. (Allegheny College); *Social Work*

Rhonda Michele Jackson, Columbus;
B.S.Soc.Wel.; *Social Work*

Debra J. Jaffe, Wantagh, N. Y.;
B.S.W. (State University of New York at Albany); *Social Work*

Claretta Johnson, Sanford, N. C.;
B.A. (Winston-Salem State University);
Social Work

Gwen Laura Katz, Cincinnati;
B.S.Soc.Wel.; M.Ed. (Springfield College); *Social Work*

Timothy Alan Kennedy, Columbus;
B.S.; *Social Work*

Joann Kinn, Butler, Ga.;
B.A. (Clark College); *Social Work*

Yvonne Lutter, Columbus; B.A. (University of Rhode Island); *Social Work*

Marilyn Kaye Marigna, Burlington, N. J.;
B.A. (Glassboro State College);
Social Work

Mary S. McAdow, Akron;
B.A. (Akron University); *Social Work*

Catherine L. McCalley, Cincinnati;
B.A. (College of Mount Saint Joseph on the Ohio); *Social Work*

Terry G. McKinley, Toledo;
B.S. (University of Toledo); *Social Work*

Mary Augusta McQueen, Wagram, N. C.;
B.A. (Fayetteville State University);
Social Work

Amy Louise Melville, Owego, N. Y.;
B.A. (State University of New York College at Oswego); *Social Work*

Carolyn Bright Melvin, Dayton; B.S.W.
(Central State University); *Social Work*

William Paul Milchak, Ellwood City, Pa.;
B.A. (LaRoche College); *Social Work*

Norma Leigh Miller, Portsmouth; B.A.
(Ohio University); M.A.; *Social Work*

Kandi Kim Brelsford Mitsak, Stoutsville;
B.S.Soc.Wel.; *Social Work*

¹ Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Sandra K. Moore, Portsmouth;
B.A. (Ohio University); *Social Work*

Steven James Morgan, Columbus; B.S.W.
(Columbia Union College); *Social Work*

Barry H. Morris, Cleveland; B.S.
(University of Cincinnati); *Social Work*

Janis L. Morris, Fairsfield;
B.A. (Miami University); *Social Work*

Joseph Paul Naff, Columbus;
B.S. (Boston State College); *Social Work*

Nancy C. Pardue, Dayton;
B.A. (Wright State University);
Social Work

Barbara Becker Partsch, Columbus;
B.S. (Capital University); *Social Work*

Carol Ann Peters, Morelia;
B.A. (University of Cincinnati);
Social Work

Neil D. Rasmussen, Findlay;
B.S. (Findlay College); *Social Work*

Joanne M. Rauschenbach, Cleveland; B.A.
(John Carroll University); *Social Work*

Phyllis Marie Rich, Lorain; B.A.
(Ohio Dominican College); *Social Work*

Dorothy Anne Rico, Martins Ferry;
B.A. (Ohio University); *Social Work*

Ronnie Lynn Schecter, Jericho, N. Y.;
B.A. (University of Maryland);
Social Work

Janet Lynn Searls, Palos Heights, Ill.;
B.A. (University of Rochester);
Social Work

Frances Tamminello Senft, Annapolis, Md.;
B.A. (University of Hawaii); *Social Work*

Roger J. Shooter, Cambridge;
B.A. (Southern Illinois University);
Social Work

Deborah L. Shub, Cleveland;
B.S.S.W. (University of Cincinnati);
Social Work

Jonathan Carl Siehl, Cincinnati; Th.M.
(Pittsburgh Theological Seminary); M.A.;
Social Work

Sharon Marie Singleton, Washington,
D. C.; B.S.W. (Norfolk State College);
Social Work

Constance P. Slettebak, Worthington;
B.S.M. (College of Wooster); *Social Work*

Mary Kostelnik Smith, Cleveland;
B.A.; M.A.; *Social Work*

Gale Lynn Stevens, Chagrin Falls; B.A.
(University of Virginia); *Social Work*

Jack L. Stoneburner, Columbus;
B.S.Soc.Wel.; *Social Work*

Elvia B. Thomas, Dayton; B.A.
(Wittenberg University); *Social Work*

Suzanne Wunder Timms, Columbus;
B.A. (Emory University); *Social Work*

Carol G. Tolchinsky, Brooklyn, N. Y.;
B.A. (State University of New York,
College at New Paltz); *Social Work*

Carole Lynn Troy, Union, N. J.;
B.A.; *Social Work*

Lisbeth Katzin Unger, Downers Grove, Ill.;
B.S.; B.A. (University of Illinois);
Social Work

Catherine Bradford Wagner, Delaware;
B.S.Soc.Wel.; *Social Work*

Bonnie Jean Walker, Columbus;
B.S.Soc.Wel.; *Social Work*

Earlie Mae Washington, Madison, Miss.;
B.S.; *Social Work*

Sharone Denise White, Accomac, Va.;
B.S.W. (Norfolk State College);
Social Work

Mary L. Wildman, Columbus;
B.A.; *Social Work*

Janet Lynn Williams, Cuyahoga Falls;
B.S. (Bowling Green State University);
Social Work

Douglas Scott Wilson, Bedminster, N. J.;
B.A. (Trenton State College); *Social Work*

Jack J. Wisniewski, Lancaster, N. Y.;
B.M. (State University of New York at
Fredonia); M.S. (Purdue University);
Social Work

Rochelle Yohanan, Morristown, N. J.;
A.B. (Ohio University); *Social Work*

LaVern Jay Yutzy, Plain City;
B.A. (Eastern Mennonite College);
Social Work

Linda Kay Ziegler, Cincinnati; B.A.
(University of Cincinnati); *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Colin B. B. Bull

Vice Provost for the Arts and Sciences:
Thomas A. Willke

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Thirty candidates

Jon F. Alexander, Maumee
Rosemarie Balog, Brecksville
Timothy Donald Barret, Toledo
William Thomas Betcher, Cincinnati
Cynthia Carol Birchfield, Mentor
Mary Ann Bookmyer, Glenshaw, Pa.
Nancy A. Buzek, Mayfield
Francine Jody Bye, Woodmere, N. Y.
Terry Lee Cochran, Lancaster
Gary Stephen Conrad, Cincinnati
Stefan V. Galbos, Columbus
David B. Gebhardt, Grove City

Sally Mary Elizabeth Imes, Cambridge
William Jeffrey McKibben, Cadiz
Susan Sanders Meeker, Tracy
Stefanie Joy Newman, Youngstown
Diana Turner Nowels, Columbus
B.S.Nurs.
Ann Elizabeth Petersen, Willowick
Hilary Ruth Peterson, Akron
Cynthia Jean Rega, Mather A.F.B., Calif.
Miranda Eberle Shaw, Columbus
Regina Ann Shoup, Alliance
Richard Jordon Smoot, Columbus
Nancy Dye Stroup, Columbus
Todd Shawn Swatsler, Lima
Inga M. Talbert, Mobile, Ala.
Lance Eric Thompson, Portsmouth
Guillermo Gonzalo Tijerina, Jr., Archbold
Patricia Diane Wilson, Thorofare, N. J.
Edward Hubert Yeager, Akron

Bachelor of Fine Arts

Fifty-one candidates

Lynda Kay Allen, Columbus
Pamela Sievert Baker, Elyria
Diane Elizabeth Belgilio, North Canton
Sandra Kay Broecker, Columbus
Neil Elmer Campbell, Lyndhurst
Michele Ann Chambers, Columbus
Melvin Willis Charles, Columbus
Mark Steven Chevalier, Columbus
Michael Thomas Coltery, Columbus
Mark Steven Conley, Columbus
Douglas James Davis, Westerville
Rebecca Lynn Day, Mt. Vernon
Deborah Lynn Exum, Columbus
David Ricardo Fernandez, Columbus
Valda Fitzpatrick, Mt. Gilead
Robert Edward Galloway, Columbus
David Ray Gardner, Blanchester
Elisabeth Anne Gelwick, Middletown
Richard Lee Geyer, Jr., Dayton
Cynthia Mae Given, Groveport
N. Lynne Godley, Vermilion
Catherine Green, Worthington
Elissa W. Greenbaum, Pittsburgh, Pa.
Patricia Marie Harms, Toledo
Susan Ann Henderson, Columbus
Lisa Ann Daugherty Jacobellis, Akron
James Richard Joseph, Columbus
Julie Allison Judge, Sylvania
David Lawrence Kapan, Cincinnati
Brian Edwin Kuru, Olmsted Falls
Debra Kushner, Columbus
Linda Lee Martin, Columbus
Lisa L. Murphy, East Hills, N. Y.
Lesa C. Mylett, North Canton
Angela Mary Nicolosi, Marion
Deborah Anne Farrett, Worthington
Gary Earle Paul, Columbus
Ann Richmond Petry, Columbus
Edith Lynn Smallwood Ray, Columbus
Kathleen Sue Rettig, Gahanna
Paul Wesley Schrock, Worthington
Nancy Ellen Scotford, Oxford
Monica Diane Seaberry, Chicago, Ill.
Donald Clifford Sell, Warren
Valerie Elizabeth Smith, New York, N. Y.
Penny S. Spratley, Columbus
Paula Jean Steele, Dayton
William A. Tarcy, Campbell
Brenda Elyca Upson, University Heights
Richard Joseph Weber, Fostoria
Patricia Carol Weeks, Columbus

Bachelor of Music

Eighteen candidates

James Milton Akins, Columbus
Stephen Thomas Bashaw, Hilliard

: Also Bachelor of Art Education, College of
Education

Kathy Paxton Birch, McDonald
 Richard Keith Cooper, Columbus
 Elizabeth Carol Downs, Bloomington, Ill.
 David Bradley Drazin, Gates Mills
 David Lee Furniss, Upper Sandusky
 Thomas Lee Gall, Columbus
 Jo Ellen Harris, Columbus
 John Edward Hyler, Worthington
 George Joseph Kastor, II, Reynoldsburg
 Diane Elizabeth Kesling, Dayton
 Joyce Josephine Kubit, Parma Heights
 Susan Eileen Dobbins Matthews,
 Eureka, Calif.
 Kathryn Lee Shoup, Akron
 William Dean Smith, Columbus
 B.S., B.F.A.
 Ina Lee Thomas, Bellefontaine
 Viscount Francis Thurston, Columbus

Bachelor of Art Education¹

Twenty-two candidates

Judith Ann Cesner, Columbus
 Luigina Ciampa, Oregon
 Anne Christine DeVries, Columbus
 Sheila Marie Pagan, Columbus
 Joy Beth Fireoved, Havertown, Pa.
 Jane Melanie Ford, Hillsboro
 Carol Ann Griffin, Columbus
 Elizabeth Anne Hall, Columbus
 Susan Jane Heilman, Ashland
 Jamie Michelle Hemmert, Wapakoneta
 J. Michael Huffman, Columbus
 B.F.A., M.F.A. (Bowling Green State
 University)
 Becky Frazier Manges, Stoutsville
 B.F.A.
 Mark Steven McCreary, Delaware
 Kathryn Jane Powell, Columbus
 Debra Ann Sawchik, Richmond Heights
 Debra Jean Sayre, Hilliard
 Cheryl Lynn Schmidt, Alliance
 Craig Allen Scholz, Columbus
 Gary Karl Shambaugh, Columbus
 Aysun Sualp, Ankara, Turkey
 B.S. (University of Missouri); M.S.
 William Allan Tarcy, Campbell
 Myron Merle Weber, Columbus
 B.F.A.
 Ann Louise Welsh, Eaton

Bachelor of Music Education¹

Fifty-four candidates

Jeffrey Eugene Ballard, Columbus
 Deborah Jo Binkley, Coshocton
 Thomas Hastings Burkey, Youngstown
 Stephen Mark Bush, Lakewood, N. Y.
 Roger Daniel Cichy, Reynoldsburg
 Lori Mae Davis, Lima
 Richard Irwin Davis, Jackson
 David Wayne DeWeese, Columbus
 Richard Eugene Eakin, Toledo
 Patricia Ann Eaton, Delaware
 Deborah Ivy Fitzer, Columbus
 David Lee Furniss, Upper Sandusky
 Karen Leah Giering, Mansfield
 Jodi Maureen Gladstone,
 White Plains, N. Y.
 Jean Louise Gutkowski, Parma
 Mary Helen Hansen, North Canton
 Elaine May Harrod, Harrod
 Susan Edith Heller, Columbus
 Jody Lynn Hilliard, Canal Fulton
 Mary Kay Horung, Mansfield
 Dianna Kay Hossler, Attica
 David Alan Iacobellis, Lancaster
 Claudia Mansfield Jones, Columbus
 Kathryn Jane Kildow, Columbus
 Dorothy Huston Knecht, Circleville
 Joyce Josephine Kubit, Parma Heights

Amy Louise LaCivita, Oxon Hill, Md.
 Carol Anne Linville, Deerfield, Ill.
 Jill Steenrod Loar, Sidney
 Susan Helen Lonske, Whitehall
 David Elwyn Markle, Columbus
 Lynn Daniel Maus, Newton Falls
 Rebecca Sue Mayer, Columbus
 David Wayne Meredith, Columbus
 John Harry Neal, II, Auburn, Me.
 Carl Eugene Oliver, Dublin
 Donald Keith Parks, Louisville, Ky.
 Cynthia Jill Peterkin, Avon Lake
 Dana Lee Peters, Dayton
 Victoria Smith Peters, Columbus
 Pamela La'Sha Richmond, Memphis, Tenn.
 Ericaster Ann Rinehart, Kokomo, Ind.
 James Allen Sentz, Strongsville
 Thurlow Todd Steffy, Alliance
 Mary Beth Stewart, North Canton
 Barbara Valentina Sullivan, Wooster
 Bruce Delane Swank, Rossburg
 Sharon Kaye Taborac, Lorain
 Ina Lee Thomas, Bellefontaine
 Joann Thomas, Shelby
 Frank Carl Tracz, Brooklyn
 Debra Ann Wesche, Ridgeville Corners
 Gail Ann Wilson, Piqua
 Kenneth Michael Wilson, Columbus

Bachelor of Science in Industrial Design

Twenty candidates

Mark Nelson Bonner, Chillicothe
 Cecilia Ann Brundrett, Troy
 Lillian Kwan Chan, Columbus
 Shari Ann Cohen, Beachwood
 Joyce Christine Cook, Columbus
 Dawn Copley, South Point
 Shelley Katherine Evenson, Columbus
 Douglas Norman Gillis, Columbus
 Laura Langdon Gulasch, St. Paul, Minn.
 Frederick Hunkler, Columbus
 Noreen Kenney, Huntington, N. Y.
 Mark Stephen Krumel, Columbus
 Robert Henry Martin, Vermilion
 Angelika Diebold Peck, Delaware
 Allan Joseph Perusek, Columbus
 Cheryl Ann Pompura, Youngstown
 Timothy Alan Pond, Urbana
 Judith Lynn Reichel, Grafton
 Eric William Rickabaugh, Columbus
 Karen Ann Shenker, Columbus

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Twenty-four candidates

James John Andrasko, Columbus
 Julia Marie Ball, Bellevue
 Lyle Scott Barnes, Middletown
 William Gerard Buoni, Columbus
 Nancy Sue Carbone, Parma
 Donald Richard Curtis, Fairfield
 Thomas Mallowynne Davis, Jr., Columbus
 Lori Ann DeLong, Toledo
 Gina Mary Dougherty, Canton
 David Meredith Dupy, Columbus
 Alan Lee Fahndrich, Columbus
 Judith Ann Fricke, Waynesville
 David Scott Grierson, Dayton
 Gladys Lucille Johnson, Linden, N. J.

Louis Sozon Lyras, Campbell
 Robert Kevin Maloney, Hamilton
 Cecilia A. Moy, Mentor
 Debra S. Parson, Columbus
 Jeffrey Harold Peters, Columbus
 Kristofer Gibson Sandlund, Columbus
 Gordon L. Sangree, Salem
 Richard Lewis Schultz, Falls Church, Va.
 Candace L. Smith, Farmdale
 Douglas William Wallace, Worthington

Bachelor of Science

One hundred and ninety-six candidates

Laird Douglas Ackerson, Columbus
 Mark George Adler, Independence
 Samuel Louis Altier, II, Ashtabula
 James A. Anagnost, Phillipsburg, N. J.
 Angela T. Anderson, Cleveland
 Kimberly Marie Anderson, Tecumseh, Mich.
 Derrick Dale Ankrum, Columbus
 Kim L. Autio, Xenia
 Steven Lee Ballas, Zanesville
 Randal L. Balmert, Lorain
 Madeline Teresa Barile, Cheshire, Conn.
 Robert Wesley Barnett, Jr., Portsmouth
 Steven Robert Bayer, Columbus
 James Fulton Beattie, III, Columbus
 Nancy Ellen Beerman, Dayton
 Randall Paul Bennett, Columbus
 Mark Bernsdorf, Columbus
 John Robert Bettineschi, Jr., Dillonvale
 Dorrin Marie Birch, Chagrin Falls
 Daniel J. Birmingham, Shadyside
 Lori J. Bitler, Amanda
 Bonnie Jan Bolender, Circleville
 James E. Booth, Youngstown
 Terry L. Bowlin, Columbus
 David L. Boyer, Toledo
 Michael J. Boyer, Norton
 Beverly Panz Bradley, Columbus
 James Michael Brennan, Columbus
 Bruce R. Briggs, Columbus
 Nadine Brubaker, Akron
 Scott R. Bruce, Masury
 Dorothy L. Camp, Hicksville
 John Jeffrey Campbell, Napoleon
 Jack Daniel Castilla, Warren
 William Carl Chaffin, Creston
 Mark Stephen Chapman, Stow
 Mark A. Christine, Middlefield
 Douglas Alan Clark, Grove City
 Ronald Emery Clement, Worthington
 William Collier, Sandusky
 Aaron Lee Combs, Worthington
 David Alan Cooley, Lima
 Rollee Lee Cruze, Columbus
 Marian Korrosee Davis, Columbus
 Jon A. Dilliard, Lancaster
 H. James Ducelli, III, Cincinnati
 Herbert Raymond Durtschi, Columbus
 William M. Eichner, Fairlawn
 Mark Bernard Eighan, Mansfield
 Jane Marie Endres, Columbus
 Gary Paul Erdy, Columbus
 Carol S. Evans, Little Hocking
 David Scott Felder, University Heights
 Mark Joseph Feldmann, Columbus
 Susan Kathryn Ferrand, Marion
 Monte G. Finch, Triandaphila, W. Va.
 James E. Finke, Mason
 Mary Helen Flowers, Columbus

¹ Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education.
² Also Cert. Grad. Dent. Hyg., College of Dentistry
³ Also Bachelor of Music Education, College of Education
⁴ Bachelor of Arts, Colleges of the Arts and Sciences
⁵ Also Bachelor of Music, Colleges of the Arts and Sciences
⁶ Also Bachelor of Fine Arts, Colleges of the Arts and Sciences
⁷ Also Doctor of Medicine, College of Medicine
⁸ Also Doctor of Dental Surgery, College of Dentistry

Deborah Stanfield Fullrod, London
 Cynthia Lee Fort, Mansfield
 Brent Martin Fox, Greenwich
 Becky E. Francis, Akron
 Cindy June Francis, Lancaster
 Brian Joseph Gallagher, Worthington
 Jeffrey Gamble, Xenia
 Jay Robert Gaunt, Mansfield
 Patricia Ann Gensel, Massillon
 Richard D. Gentile, Struthers
 Beverly Irene George, Defiance
 Glenn Giarratana, Columbus
 Lawrence E. Gibbs, Hillsboro
 Chester David Gifford, Columbus
 Lawrence Mark Gilman, Beachwood
 Gregory D. Githens, Englewood
 George Jeffrey Glikes, Steubenville
 Susan Ellen Goldfarb, Franklin Lakes, N. J.
 Jane Karen Gray, Columbus
 John Douglas Gregory, Napoleon
 Jody LaRaine Grenga, Youngstown
 Jeffrey Gordon Grierson, Chagrin Falls
 Darrell Eugene Groman, Bluffton
 Craig Alan Gudakunst, Delphos
 James Stephen Gurley, Fairport Harbor
 Bruce Edward Hager, Kettering
 David Wayne Haner, Columbus
 Dina Fiszlewicz Harberger, Columbus
 Keri Lynn Hart, Columbus
 Benjamin Allan Hartz, Delaware
 Nancy Elliott Harvey, Columbus
 Mark Alan Hassinger, Parma
 John Richard Hayes, Warren
 Donald James Hendley, Painesville
 Joseph E. Henry, Lancaster
 Paul C. Hess, Columbus
 Edward Louis Hillenbrand, Columbus
 Charles Scott Hirth, Orient
 Steven Wesley Howe, Marietta
 Jo Anne Hoyer, Galloway
 David Francis Hunt, Lima
 Richard Owen Hunt, Lima
 *Marsha Yasue Iwahiro, Wahiawa, Hawaii
 Robert A. Jankas, Jr., Wickliffe
 Jeffrey Andrew Jaswa, Columbus
 Wendell Jenkins, Beaver
 Maria Lisa Jesionek, Marion
 Mary Elizabeth Johnson, Cincinnati
 James Russell Joice, Defiance
 Sandra Kay Jones, Columbus
 William Robert Kolodzik Kaye, Worthington
 Lori A. Kimble, Vienna
 John C. Kismiller, Columbus
 Kevin James Kolovich, Cleveland Heights
 Gregory Frank Koltun, Columbus
 Douglas E. Kowalczyk, Bedford
 Douglas Scott Kuehn, Columbus
 Rick Allen Kuntz, Canton
 Carol Celeste Lavrich, Richmond Heights
 Donald Scott Lewellyn, Columbus
 Charles Earl Lester, Hamilton
 Dawn Elizabeth Light, Batavia
 Dale Pearson Lindsey, Parma
 Douglas Howard Lindsey, Kenton
 Robert Lionel Line, Columbus
 Celeste Lombardi, Columbus
 Richard Franklin Maier, Jr., Massillon
 Carmie Sue Marshall, Columbus
 Shehroze Masters, Columbus
 Valerie Anne Matanick, Parma Heights
 James Trenton Mathias, Warren
 Shaun Patrick McKinney, Portsmouth
 Larry Jon Mengelkoch, Xenia
 Bruce Alan Merwin, Columbus
 G. Andrew Meyer, Columbus
 Forrest Mikes, Coshocton
 Gregory S. Miklovic, Independence
 Jean Ann Miller, Millersburg
 Richard P. Mills, Norwalk
 Christopher George Mitko, Linden, N. J.
 Gregory Salvatore Montevideo, Niles
 Daryl Lee Moorhead, Pataskala
 Mark Alan Morris, Dayton
 William Edward Muehlenhard, Jr., Cincinnati
 John Kevin Musser, Warren
 David Alan Newmarker, Lyndhurst

Andrew Michael Norris, Rego Park, N. Y.
 John Michael Olis, Medina
 John Martin Oris, Galion
 Deborah Ann Palumbo, Steubenville
 Elaine Anne Paul, Warren
 Stacy Adele Popa, Anchorage, Alaska
 Nicholas Paul Raptou, Youngstown
 Mark E. Reardon, Fremont
 Jeffrey Glenn Resnick, Lyndhurst
 Edward Roscoe Richter, Columbus
 Nancy Abby Richter-Honeychuck, Hudson
 Jeffrey D. Ries, Toledo
 Patrick Thomas Rodeman, Toledo
 Mark Phillip Rollins, Columbus
 Neil S. Rubin, Toledo
 David Keith Rusk, Columbus
 James Timothy Russin, Steubenville
 Samuel Joseph Sachs, Jr., Westerville
 Donald Ray Savage, Jr., Columbus
 Denise Anne Schakow, Rochester, N. Y.
 Douglas Robert Schmidt, Cincinnati
 Stephen Arthur Segall, Columbus
 Kevin Evans Shellcroft, Columbus
 Raymond Alan Sheridan, Grove City
 James A. Sides, Dayton
 David Alan Siegel, Johnstown
 Daniel Edward Sing, Columbus
 Christopher J. Southwick, Columbus
 Craig Morris Spitler, Greenville
 Laura Lynn Stanton, Chillicothe
 Alan David Steginsky, Columbus
 Mark E. Steljes, Little Ferry, N. J.
 Richard David Sweeney, Strongsville
 John Lipscomb Teem, Shaker Heights
 Jane Tolley, Hamilton
 Kathleen Greene Tomblin, Columbus
 Mark Tranovich, Bellaire
 Donald Allen Tupper, Youngstown
 David Ray Turner, Cincinnati
 James Bert Varner, Columbus
 James Peter Vigilance, South Point
 Denise Erika Vizcarra, Columbus
 Karl Virgil Voelkerding, Cleveland
 Steven John Wegert, Columbus
 Eugene Paul Wenzke, Dayton
 George Thomas Williams, Northwest Canton
 Kevin Eugene Wisler, Galion
 Suna Elizabeth Woodie, Chillicothe
 Carol Ann Zari, Reynoldsburg
 Edgar William Zoog, III, Columbus
 Ann Miller Zoretic, Grandview Heights
 Michael Scott Zurbrugg, Columbus

Lea Allen Coryell, Chagrin Falls
 Donald Evan Crabb, Chillicothe
 Joan Crawford, Gallipolis
 Michael Joseph Cua, Columbus
 Matthew R. Curtis, Troy
 Frank Gilbert D'Amico, Jr., Ridgewood, N. J.
 Sarah Ann Denik, Hiram
 Jennifer Elaine deVillers, Mt. Vernon
 Ruth Lee Dewald, Columbus
 Thomas Philip DiPiero, Girard
 Virginia S. Dodge, Columbus
 Patrick Michael Donahue, Kettering
 John Noel Duval, Columbus
 Kathleen Staefey Earl, Newark
 Kevin J. Easton, Columbus
 David Clifton Eley, Columbus
 Harold Lee Fenner, Jr., Columbus
 Nancy L. Flynn, Columbus
 Donna Marie Forman, Westerville
 Randall James Frank, New Castle, Pa.
 Robert Friedman, Columbus
 Amie Gartenberg, Freehold, N. J.
 Glenn William Garwig, III, Youngstown
 Kathy Gluck, South Euclid
 Bruce C. Goodman, Canal Winchester
 Timothy Allen Gordon, Cleveland
 Joshua Gressel, Delphos
 Susan J. Gutheil, Columbus
 Patricia Weber Haag, Columbus
 Henry R. Halas, II, Columbus
 *Marie Halas, Cincinnati
 Connie Jane Harris, Worthington
 Juanita Louise Hayden, Urbana
 Kathleen S. Hobek, Cincinnati
 Patricia A. Horner, Shaker Heights
 LaVerne C. Horton, Columbus
 Heidi Hough, LaGrange Park, Ill.
 Craig Allen Husch, Columbus
 *Ann E. Hussa, Cincinnati
 Melodee Kay Husted, Springfield
 Stephanie Lynn Jakim, Lima
 Jeffery W. James, Dresden
 *David George Jess, Columbus
 *Deborah A. Jesse, Miamisburg
 Carol Jevrem, Columbus
 Ngairie Elise Jones, Olmsted Falls
 Donna Marie Kalinos, Springfield
 Judith Diane Kemp, Gallipolis
 Laurie Jean Kinnamon, Bay Village
 Dan Goulder Kirschenbaum, Shaker Heights
 Margaret Ann Knill, Columbus
 *Susan Lynne Kozy, Akron
 Richard Alan Kucera, Brecksville
 Sharon Lea Lakey, Columbus
 Jeffrey Gale Landis, Columbus
 Cindy Lee Large, Toledo
 Cynthia Carolyn Laszek, Euclid
 Edwin Matthew Leonard, Hudson
 Nancy Carole Lessen, Columbus
 Mo Ching Leung, Kowloon, Hong Kong
 Leo Hsing-Wen Liu, Columbus
 *Diane Lynn Longo, Wayneburg
 Louis Wayne Ludlum, Paulsboro, N. J.
 Thomas H. Magee, II, Xenia
 Pamela Ann Mallory, Columbus
 Nabil Joseph Mansour, Columbus
 Christina Marie Martin, Columbus
 Jill L. Maslinoff, Hauppauge, Long Island, N. Y.
 Cynthia Reynolds Mattingly, Columbus
 Jimmy I. McCleese, Marion
 Martha Juliet McGowan, Columbus
 Terri Lee McIntee, Burton
 Christopher Miller, Newark
 Gail Kay Mitchell, Springfield
 Toni Elise Mulrane, Columbus
 John Spencer Noble, Columbus
 Beth Ann Nolder, Whitehall
 *Jane Elizabeth O'Brien, Worthington

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

One hundred and sixty candidates

David William Anderson, Sunnyvale, Calif.
 Dennis Dean Amstutz, Bluffton
 Thomas K. Babcock, Columbus
 Donna J. Colbert Barr, Columbus
 Dennis Bingham, Lancaster
 Brad Franklin Blackstone, Thornville
 Jeffrey A. Bookman, Columbus
 *Elizabeth Jane Burr, Bellevue
 Carl David Bury, Hudson
 Dwight L. Cain, Mansfield
 Duane Lee Campbell, Heath
 Stephen Henry Caycedo, Larchmont, N. Y.
 Janet Lynn Chandler, Amherst
 Kevin Edmund Chay, Columbus
 Victoria Ann Cherico, Clarion, Pa.
 Robert Michael Citino, Cleveland
 James Robert Colville, Toronto, Ont., Canada
 Jerilyn Helen Cornish, Reynoldsburg
 Constance Mary Corrigan, Alexandria, Va.

1 Also Cert.Grad.Dent.Hygz., College of Dentistry
 2 Also Bachelor of Science in Education, College of Education
 3 Also Doctor of Dental Surgery, College of Dentistry

Thomas Martin O'Leary, Galion
 'Shauna Kay Olsen, Bountiful, Ut.
 John Harold O'Neil, Columbus
 William Edward O'Neil, Columbus
 Wesley Guy Pastor, Columbus
 Jonathan Dale Pierce, Troy
 Donna L. Pike, Lima
 Lori Jane Piotrowski, Columbus
 Laura Augusta Pitea,
 Harrington Park, N. J.
 G. Steven Pommett, Washington C. H.
 Kevin Curtis Pound, Columbus
 Kathleen Ann Prond, Columbus
 Janis K. Reichert, Dayton
 Laura Elizabeth Reiter, Columbus
 Marc Alan Ridgway, Columbus
 Michael Stuart Ritchie, Grove City
 Beverly Elaine Concha Robertson,
 Marysville
 Elizabeth Roderick, Gallipolis
 Marc Carlton Rose, Youngstown
 William Edward Rouch, Fairborn
 Michael Joseph Rourke, Columbus
 P. Robert Rudney, Cincinnati
 'Karen M. Rugani, Waynesburg
 John C. Rumm, Worthington
 Theresa Russell, Toledo
 Samir Sabella, Canton
 Lewis Samuel Scheiderer, Dublin
 Louis Schiavoni, Youngstown
 Richard Harold Schorr, Lancaster
 Anthony D. Schroeder, Leipsic
 Barbara Ann Schwartz, Brookville, N. Y.
 Janiece Diane Sesser, Gahanna
 Kathy Louise Shoos, Shaker Heights
 Jeffrey Charles Silleck, Delaware
 John Robert Slater, Gahanna
 William Prentice Snow, Newark
 Myriam H. Solomon, Columbus
 Patrick A. Stafford, North Olmsted
 Peter James Stanton, Columbus
 Rebecca Marie Steadman, Jacobsburg
 Teresa Lyn Stebelton, Guildhall
 Luke Stinnett, Dublin
 Timothy David Strapp, Columbus
 Martha Kay Strimble, Wadsworth
 James Roy Swartzlander, Columbus
 Joseph C. Swetnam, Columbus
 Patricia A. Swinehart, Columbus
 William David Swisher, Middleport
 Hayes Taylor, East Liverpool
 Michael James Thomas, Worthington
 Susan Marie Toeniskoetter, Columbus
 Victoria Louise Troph, Lakewood
 Ned Hawxhurst Tyson, Green Springs
 James T. Vradelis, Dayton
 Rebecca Mary Walter, Columbus
 Esther Sue Wamsley, Columbus
 Sharon Mark Waserstrom, Columbus
 Kathleen J. Welch, Worthington
 Norbert Peter Welker, Mansfield
 Stephanie Karla White, Worthington
 Glenn Raymond Whitt, Cleveland
 Kathy Jo Wilson, Brookville
 Joanne B. Zimble, Newdon, Mass.

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Six candidates

Thomas Edward Croyle, Columbus
 Robert William Meyer, Columbus
 Dianna Deemer Riggs, Columbus

William M. Shalosky, Pickerington
 William Dean Smith, Columbus
 B.S., B.F.A.
 Richard J. Zemanek, Lorain

Bachelor of Science

Sixty-nine candidates

Brent Allen Archinal, Dover
 Thomas Robert Bailey, Celina
 Richard Gary Barr, Campbell
 Michael Joseph Bastine, Findlay
 Kevin Louis Boyle, Cincinnati
 Gary Lee Brannick, Springfield
 Douglas Allen Brown, Columbus
 Glen Louis Brueggemeier, Bowling Green
 Ronald Steven Burke, Columbus
 Eric Clark Butts, Grove City
 Connie Jean Chan, Columbus
 Edward Michael Chernick, Dayton
 Diane Marie Curtis, Columbus
 John R. Donofrio, Willoughby
 Steven Howard Emerman, Columbus
 Ernest Gordon Englehart,
 University Heights
 Gary L. Engler, Columbus
 Susan Lynn Ensor, Medina
 Gerald Leroy Fetherolf, Jr., Columbus
 Edward Luke Fitzpatrick, Edensburg, Pa.
 Richard Albert Flutem, Bridgeport
 Tomislav M. Gracanic, Cincinnati
 John Chester Handley, Enon
 Roger H. Handwerk, Martinsburg
 Dale Lee Henning, Muslugo
 Edward E. Herderick, Columbus
 Debbie Lynn Hettler, Lorain
 Marie Howard, Rockford, Ill.
 Peter A. Johnson, Columbus
 Keith Alan Knabe, Newark
 Mark Dennis Knowles, Kinsman
 'Jan Edward Kronmiller, Columbus
 Judith Ann Ladd, Middleburg Heights
 James Craig Lee, Columbus
 Jerold M. Lenihan, Columbus
 Vincent J. Lombardo, Columbus
 Bruce David Lucas, Canton
 Jeffrey Martin, Columbus
 Christopher A. Mason, Columbus
 Gerald L. Mattison, Columbus
 Kay L. Metzner, Dayton
 Ronald Wesley Miller, Newbury
 Barry Moore, Newark
 Douglas John Murray, Cleveland
 'Freddie William Narcross, Columbus
 Felix Joseph Nickle, Martins Ferry
 Timothy James O'Connor, Willoughby Hills
 Charles R. Ogle, Westerville
 Pamela S. Pfum, Columbus
 Mary Kathryn Phillis, Grove City
 Kathleen Rader, Hilliard
 Salvatore J. Ragucci, Columbus
 Mark Douglas Robson, Shadyside
 Larry Michael Rosolowski, Tallmadge
 Martha Allen Ryan, New Philadelphia
 Susan Rydell, East Northport
 Kenneth E. Sale, Columbus
 David Andrew Salvati, Columbus
 John William Schaeffer, Cincinnati
 Morris Stanley Scruggs, Gary, W. Va.
 David Paul Smith, Toledo
 Ronald Theodore Smith, North Canton
 Martha J. Stromberg, Columbus
 Robin Edward Tirpak, Elyria
 Hal Tucker, Wooster
 Paul Tai-Ping Tung, Columbus
 Richard Edward Weisbarth, Fairview Park
 Pamela Joan Weiss, Whitehall
 Aura Lee Whittaker, Worthington

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

Three hundred and fifty-seven candidates

Michelle Marie Adams, Swanton
 Brenda Beasley Allemen, Columbus
 Janice Helen Ameen, Seven Hills
 Kathie Sue Ampsbaugh, Pataskala
 Melanie Lynne Arbuckle, Reynoldsburg
 William Alan Arlan, West Orange, N. J.
 Lisa Margot Arcsott, Columbus
 Darrell E. Baird, Leetonia
 Blaise Gerard Baker, Zanesville
 Howard Lee Baker, Columbus
 Leslie Beth Baker, Columbus
 Louis Norman Balcher, Cleveland Heights
 Wanda Elizabeth Baltes, Tiffin
 Keith Travis Bartlett, Columbus
 Scott Zeth Bassoff, Great Neck, N. Y.
 James M. Bavendam, Columbus
 Jane Benita Beckham, Dayton
 Michael Lee Bernhart, Richmond
 Meryl J. Besen, Briarcliffe, N. Y.
 Kenneth A. Birne, Tenafla, N. J.
 Larry David Blancett, Gahanna
 Michele Marie Blomquist,
 Rockville Centre, N. Y.
 Shelley Germaine Boales, Northfield
 Melva Lynn Bobbitt, Columbus
 Stephen C. Borchers, Winfield, Ill.
 Stephen Jay Bowshier, Grove City
 Susana Marie Boyer, Columbus
 Todd Irwin Braff, Cleveland
 Durado D. Brooks, Columbus
 James Douglas Brophy, II, Columbus
 Michael Jay Bubis, Beachwood
 Catherine Angela Buccello,
 Ozone Park, N. Y.
 Michael A. Bukowski, Columbus
 Joseph William Buren, Wooster
 L. Charlene Burge, Columbus
 Jennifer E. Burkhart, Woodsfield
 Kolleen Rose Butterworth, Columbus
 George Cameron Cantor, Parma
 Kristynee Jo Cassia, Gahanna
 Robin Marie Cathey, Toledo
 Sherri Jean Cato, Dayton
 Steven Bruce Chesler, Shaker Heights
 Joseph Chiarelli, Columbus
 Mindy Chotiner, New Rochel, N. Y.
 Paul Scott Clapp, Euclid
 Eve Clark, Columbus
 James R. Clay, Westernfield Center
 Keith Warren Condon, Columbus
 John Myron Conery, Ashland
 Christopher M. Connor, Akron
 Reginald Alfred Cook, Columbus
 Lesli Carol Copperman, Lorain
 Garth Glenn Charles Cox, Grove City
 Kelley Wilson Crooks, Columbus
 Carlos Alberto Cubas,
 Isla Verde, Puerto Rico
 James Bernard Cummings, Pittsburgh, Pa.
 Lynne Ann Curley, Cincinnati
 Laurence Tracy Iach, Columbus
 Howard W. Davis, New Philadelphia
 Alan C. Decker, Columbus
 John Samuel DeFrank, Yorkville
 Roxanne Marie Denatet, Yorkville
 Kimberly Marie DeRosa, Toledo
 John Warren Diemer, Toledo
 Harlene Juanita Dixon, Cleveland
 Joseph S. Dixon, Trenton, Mich.
 Craig E. Donaldson, Akron
 Michael Paul Donisi, Middletown
 Molly Jane Dorsey, Columbus
 Maxene Stansell Doty, Worthington

1 Also Cert.Grad.Dent.Hyg., College of Dentistry
 2 Also Bachelor of Music, College of the Arts and Sciences
 3 Also Doctor of Dental Surgery, College of Dentistry

Cheryl Ann Dunlap, Saratoga, Calif.
 Frederick William Dunlea, Youngstown
 Sharon M. DuPuy, Portsmouth
 Dianne Elizabeth Durham, Columbus
 April Renee Dwyer, Yorkville
 Kathleen Earley, Wheeling, W. Va.
 Amy Elizabeth Edwards,
 Birmingham, Mich.
 Nancy Ann Elder, North Olmsted
 Patricia Sue Eshman, Marion
 Linda Kathryn Estep, Enon
 Christopher L. Fairchild, Columbus
 Janine C. Fairweather, Shaker Heights
 Nancy Marie Farnlacher, Johnstown
 Ronald Allen Fish, Columbus
 Mark Steven Fishman, Beachwood
 Barry William Fissel, Cincinnati
 Thomas L. Fought, Mansfield
 Cathy E. Franklin, Lyndhurst
 Roger Dean Frase, Orrville
 Terrence Duncan Freeman, Sandusky
 Andrea Friedman, South Euclid
 Elizabeth Wood Galganowicz, Columbus
 Brian D. Galloway, North Ridgeville
 Lou Ann Galloway, Columbus
 Cyndy Lee Gann, Mansfield
 Jayne Lynne Gerdeman, Delphos
 Richard L. Getman, Columbus
 Camille M. Gibson, Elizabethtown, Pa.
 Cathy Denise Gillespie, Reynoldsburg
 Deborah Ann Glover, Cincinnati
 James E. Goodrich, Cincinnati
 Barry Mark Gordon, Akron
 Yolanda Gordon, Garfield Heights
 Paul Brown Graham, Clarksburg
 Janet Ann Grandey, Edgerton
 Michael William Gruber, Columbus
 Katharine E. Gurney, Columbus
 Donna E. Hagans, Philadelphia, Pa.
 Marion Julia Handley, Reynoldsburg
 Charles Jeffrey Hannah, Sardinia
 Thomas Garfield Hardin, Knoxville, Tenn.
 Matthew John Harrington, Lorain
 Lynda Sue Hart, Warren
 Richard Frederick Hart, Wayne, Pa.
 Mark Richard Hauck, Cincinnati
 Karl Edward Hellstrom, Reynoldsburg
 Edward Douglas Helvey, Newark
 William Arthur Hensel, Columbus
 Michael Richard Herb, Columbus
 Kathy Ann Hesselschwardt, Hicksville
 Debra J. Hilliard, Columbus
 David Charles Hindley, Avon Lake
 Sally Pryor Hinshaw, Columbus
 Sally Roszman Hinshaw, Powell
 Christine Jeanne Holdrieth, Columbus
 Mary Grace Holland, Ashland
 Michael J. Holland, Worthington
 Terry Lynn Hollenbaugh, Reynoldsburg
 Terri Sue Holman, Beachwood
 James Thomas Holt, III, Ironton
 Mark William Holtzapple, Elida
 Laura Sweeney Hoon, Westerville
 Glenn Norman Hopkins, Newark
 Fred Russell Hopwood, Mt. Vernon
 Susan L. House, Dayton
 Charles Edward Howard, Jr., South Euclid
 Todd Alynne Huber, Parma
 James Scott Huggins, Ashland
 Andrea Reu-ell Hughes, Cincinnati
 James Herbert Hurt, III, Columbus
 Linda Louise Huston, Toledo
 Brian Russell Huxford, Columbus
 Linda Jo Jack, Galion
 Joseph Charles Jackson, Columbus
 Marianne Johnson Jackson, Columbus
 Thomas Andrew Janes, Columbus
 Lynda Sue Jarrold, Youngstown
 Janice Dianne Jeffries, Columbus
 Fredrick Dominic Jennings, Columbus
 James Thomas Booker Johnson,
 Yellow Springs
 Kenneth Dale Johnson, South Euclid
 Russell Neal Johnson, Columbus
 Thomas Hampton Johnson, III,
 New Lexington
 Candace Helen Jones, Worthington
 Richard Dale Jones, Canal Winchester

Rick Alan Jones, Columbus
 Janice Arden Judge, Sylvania
 Steven Carl Judy, Columbus
 David Scott Jump, St. Marys
 Mary Beth Kaman, Norton
 Jean R. Karpac, North Royalton
 Jeanette B. Kelley, Columbus
 Paula JoAnn Kelly, Greenville
 Kathleen Gayle Kempe, Columbus
 Sara L. Kennedy, Columbus
 Debbie Sue Kessler, Columbus
 Saeid Khadivian, Columbus
 Glen A. King, Jackson, Miss.
 Ann Kirlik, Bay Village
 James John Knazek, Solon
 Renee Veronica Koch, Sandusky
 Denise S. Kohn, Columbus
 Lorie Lynn Krech, Columbus
 Perry E. Kreider, Fort Recovery
 John Jeffrey Kundrat, Mansfield
 Cynthia Marie Kyzmir, Lockport, N. Y.
 Barbara Ann Lach, Parma
 Paul David La Pollette, Columbus
 William Anthony LaFramboise,
 North Olmsted
 Nancy Michele Laitman, Youngstown
 Margaret Mary Lampe, Fairview Park
 Ruth Linné Lander, Columbus
 Colette Michele Lee, Lindenwood, N. J.
 Jane Ellen Milligan Leemhuis, Columbus
 Michael Steven Levine, University Heights
 Gary Richard Lindemann,
 Pompton Plains, N. J.
 David Phillip Lindsey, Parma
 Barbara Ann Lizanich, Cleveland
 Susan Lynn Loubourrow, Delaware
 Timothy S. Lucas, Beavsville
 Gerald Paul Luckhaupt, Columbus
 Susan Barbara Lurie, Pittsburgh, Pa.
 Michael G. Lykens, Port Clinton
 Heidi Jo Lynch, Columbus
 Susan McLain Mack, Columbus
 Marilyn Kay Mackey, New Philadelphia
 Michael Charles Mahaney, Columbus
 John J. Mansoor, Sacramento, Calif.
 Gayle R. Mantel, Freehold, N. J.
 James Kevin Mantel, Columbus
 Andrea Elizabeth Martin, Aurora
 Susan McCabe, Baltimore
 Cathy McClure, Columbus
 Timothy A. McCourtie, St. Marys
 Julianna McCullough, Cincinnati
 Charles Martin McDonald, Elyria
 Sean C. McDonald, Annapolis, Md.
 Michael Halstead McKinnon, Kettering
 Thomas David McNaughton, Columbus
 Daniel Virgil Metzger, Columbus
 Artie Cornell Miller, Cincinnati
 Carole Ann Miller, Parma Heights
 Craig Everett Miller, Westerville
 Kristine Louise Moore, Kettering
 William Neil Moore, Xenia
 Laura L. Morgan, Dayton
 Robert Kenneth Morrison, Youngstown
 Robert Timothy Morrissey, Columbus Hill, Md.
 Laura Eileen Morse, Columbus
 William R. Motley, Columbus
 Michael L. Myers, Columbus
 Stella Jordan Nafziger, Delaware
 Frederick Eugene Near, Jr., Coshocton
 Joy L. Nelson, Ashland
 Mary Christine Nelson, Circleville
 Robert Bruce Nelson, III, Columbus
 Joyce M. Nemeth, Columbus
 Patrick Robert Nixon, Cuyahoga Falls
 Alice Bernadette Noonan, Delphos
 Colleen Sue Oelker, Urbana
 Arthur Hugh O'Leary, Circleville
 Sherylle O'Reilly, Reynoldsburg
 Ralph Salvatore Orsipes, Columbus
 William Lee Oresborn, Columbus
 Andrea Kay Palmer, Shelby
 Laura Lynn Pappas, Akron
 Constance Helen Pap-Wagner, Columbus
 Michelle Karen Passerell, North Canton
 Denise Marie Paul, Hincley
 Maria Christine Peden, Columbus
 Marc Lee Pesselman, Columbus

Marshall Brian Phillips, Piqua
 Jeffrey Joe Pinnick, Columbus
 Kenneth John Pischel, Middleburg Heights
 Robert Thomas Plunkett, Jr., Columbus
 Michael Jay Pocock, Chillicothe
 Lawrence Scott Pollak, North Canton
 Rebecca Anne Pollard, Tucker, Ga.
 Theresa Kaye Porter, Columbus
 Douglas Charles Pricer, Newark
 Terry-Lynn Pruski, Columbus
 Richard Christopher Quinttus, Columbus
 Michael D. Ramsdell, Columbus
 Dorothy H. Raney, Powell
 Rhonda Elaine Reaght, Mt. Vernon
 Richard Karl Reed, Piqua
 Jeffrey Charles Resnick, Cleveland
 Luana Lu Rex, Harrod
 Janet S. Reynolds, Columbus
 Michael Brad Reynolds, Wilmington
 Max Gregory Rice, Columbus
 Paul Frank Rich, Conneaut
 Elise Kay Richey, Chagrin Falls
 Kathryn M. Rimmer, Columbus
 Gayle A. Roberts, Steubenville
 Lynn Beth Robina, Teaneck, N. J.
 Alan Jay Rogé, Belle Center
 James August Rohl, Hobe Sound, Fla.
 Janis Annette Root, Millersport
 Diane Carol Rose, Toledo
 Isabel Davidge Rowland, Columbus
 Cynthia Marie Roy, Burlington, N. J.
 Daryl Keith Rubin, Toledo
 Florence Anne Sanders, Columbus
 Lisa Mari Sandore, Wooster
 Debra Lynn Schaffner, Baltimore
 Arthur J. Schechtman, Shaker Heights
 Mark R. Scherer, Circleville
 Martin Benjamin Schloss,
 University Heights
 Steve J. Schmidt, Columbus
 Kirk J. Schneider, Pepper Pike
 Andrew A. Schneiderman, Columbus
 Mark D. Schramm, Steubenville
 Kathleen D. Schulte, Columbus
 Angela Faye Seldon, Shaker Heights
 Joanne Marie Sexton, Rocky River
 John Shahinian, Cleveland Heights
 Ronald Charles Shaul, Tiffin
 Susan Lynn Shepperd, Worthington
 Mark A. Sipek, Columbus
 Beth Ann Smith, North Lima
 Frances I. Smith, Darien, Ill.
 Robert Amey Smith, Delaware
 Scott Gregory Snider, Somerset
 Barbara Jean Sofranko, Youngstown
 Paul C. Sogan, Mingo Junction
 Laurie Lee Springer, Solon
 Kim Stands, Rittman
 Robert Linn Stegall, Columbus
 Debbie C. Steindler, Columbus
 Deborah Ann Stez, Fremont
 Charles Foster Strong, Centerville
 Kathleen Ann Stumpf, Columbus
 Daniel Alan Summers, Columbus
 Adrian Frank Sunday, Columbus
 Pamela Lynn Swart, Kent
 Linda Lee Szilagyi, Columbus
 Katherine A. Tatterson, Galena
 Priscilla A. Taussig, Elkins Park, Pa.
 Michelle Lynne Tedreau, Steubenville
 Barbara Ellen Teetor, Marion
 Edward Hendrik Rudolf Tellings, Columbus
 M. Lonnie Terry, Columbus
 Randy Lee Tester, Greenville
 John A. Thacker, Frankfort
 Robert Jules Theibert, Bexley
 Luther Daniel Thornton, Jr., Columbus
 Steven Craig Tobin, Columbus
 Ronée Paulette Touris, Youngstown
 Harry William Trombados, Alliance
 Peter Turner, Cleveland Heights
 Deborah Lynn Valenzini, Youngstown
 Hendrik van der Meulen, Cleveland

1 Also Doctor of Medicine, College of Medicine
 2 Also Doctor of Dental Surgery, College of Dentistry
 3 Also Cert.Grad.Dent.Hyg., College of Dentistry
 4 Also Bachelor of Science in Education, College of Education

James Martin Vonau, Columbus
 Guy Brian Wadsworth, Columbus
 Michael James Wagner, Youngstown
 C. F. Waniowski, Columbus
 David Dean Watanabe, Cincinnati
 James Edward Louis Watson, Columbus
 Katherine Laraine Watts, Edison
 Carmen Anna Weber, Cincinnati
 Margaret Ann Wedge, Grove City
 Randi J. Weissfeld, Shaker Heights
 Douglas M. Weitz, Mentor
 Kimberly Jo Wernz, Columbus
 Margaret A. Whalen, Columbus
 Steven George White, Columbus
 Thomas Daniel White, Big Prairie
 Robin A. Whitten, Canfield
 *Lori Ann Widdoes, Sandusky
 *Amy Wiesler, Sandusky
 *Jennifer Lynn Wiggins, Columbus
 Vida Meadows Wilhelm, Worthington
 Susan Kay Wilson, Columbus
 William Samuel Wilson, Circleville
 Karen Marie Winner, Wooster
 Margaret Anne Winters, Gahanna
 Rita Wissman, Columbus
 Lisa Anne Wolverton, Shaker Heights
 Cecil Wright, Pierpont
 *Anne Louise Wutchiett, Euclid
 Dee Anne Wymer, Findlay
 James A. Yoakum, Columbus
 Carol Ann Young, New Haven, Mich.
 Carolyn Lynn Young, Oberlin
 Mark S. Young, Toledo
 Phillip Albert Zuzolo, Lewisburg

Bachelor of Science

Seventy candidates

Jeffery Lee Bartlett, Macedonia
 *Deborah Lee Bedell, Bowling Green
 Terri Kim Bigley, Reynoldsburg
 Amy Joan Bolenbaugh, Lima
 Amy Marie Brewster, Huron
 Kathleen Frolick Bryan, Worthington
 James David Campbell, London
 George Thomas Clouse, Columbus
 Karl Matthew Criss, Worthington
 Suzette Scavear Dave, Columbus
 Ingrid Mary Diederer, Granville
 Bradley K. Dilman, Hudson
 Kenneth B. Dodge, Dayton
 Lauren Jean Douglas, Worthington
 Pamela Jane Edmonds, Delaware
 Mary Catherine Exline, Columbus
 Steven C. Farina, Gallion
 Deanna Elaine Faulkner, Delaware
 Paul Finlayson, Columbus
 Arthur Daniel Fisk, Galion
 Thomas Richard Fitton, Hamilton
 Leah Michele Fyetaakis, Cuyahoga Falls
 Mark Allen Hackman, Reynoldsburg
 David Pierce Harris, Cincinnati
 *Cheryl Anne Hohenstein, Kettering
 Deirdre Estelle Holmes, Fayette
 Jeffery Alan Hopkins, Athens
 Gregory H. Hude, Columbus
 Michael John Hunyadi, II, Canton
 Stephanie Jo Huston, Ravenna
 Colleen Mathieson Jamora, Marion
 Mary Alice King, Elida
 Robert Stephen Kinsey, Columbus
 Dorothy Ilona Kresz, Seven Hills
 Allan James Laird, Ashtabula
 Joseph Scott Laney, Port Clinton
 Douglas Robert Lundy, Solon
 Elizabeth Marie McGinnis, Columbus
 Marie Carol McGovern,
 West Hartford, Conn.
 Thomas Lee Mirgon, Zanerville
 Teresa Gibson O'Connell, Delaware
 Eric Peterson, Columbus
 David Wheaton Priestley, Columbus
 John Richard Raymond, Uniontown
 Arleen Joy Redlich, Youngstown

John Victor Rush, III, Toledo
 Karen Louise Sacks, Morristown, N. J.
 Paulette Elizabeth Saffie, Wheeling, W. Va.
 Nancy Elise Sagie, Columbus
 Michael R. Schumacher, Cincinnati
 Teresa Ludwig Shilling, Kenton
 D. Kevin Sigmund, Lancaster
 Dennis Wayne Sindel, Columbus
 Johnny S. Smith, Columbus
 David A. Stone, Columbus
 Paul John Sweeney, Columbus
 James Marion Swonger, Columbus
 Kevin Michael Taylor, Columbus
 Arnis Ronald Tolks, Maywood, Ill.
 Mark L. Turner, Yellow Springs
 Craig Douglas Waggoner, Berea
 Diane Carol Wagner, Toledo
 Bruce Allen Weber, Parma Heights
 James M. Weibling, Poland
 David L. White, Columbus
 Tameia Dawn Williams, Fairfield
 Marcia J. Willoughby, St. Marys
 John Andrew Yinger, Glenford
 Thomas D. Zerucha, Toledo

Bachelor of Arts in Journalism

Seventy-four candidates

Clark L. Army, Ohio City
 Carol A. Bauer, Ardmore, Pa.
 Elsie Veronica Bedell, Dayton
 John Joseph Behan, Cincinnati
 Jeffrey D. Bender, Bethesda, Md.
 Ronald A. Bishop, Columbus
 Kelly Brian Blair, Fairborn
 Rebecca Gene Bowman, Germantown
 David H. Britt, Columbus
 Brian Charles Brown, Worthington
 Mary L. Bunnell, Sidney
 Richard Edward Callender, Xenia
 Gary Alan Christy, Ashtabula
 John G. Corby, Logan
 Janet Ann Coy, Geneva
 Carolyn R. Crouch, Columbus
 Paula Kay Daniel, Sharonville
 Thomas P. Del Signore, Watertown, N. Y.
 Kevin W. Donnellon, Cincinnati
 Lawrence William Forsbach, Columbus
 Mark R. Friedlander, Skokie, Ill.
 Kay Fukuda, Columbus
 Mary Lynne Gillespie, Dayton
 Lucinda Jean Godfrey, Dublin
 Phyllis Brown Goffney,
 Rocky Mountain, N. C.
 John Kerwin Gouch, Columbus
 Melissa Lynn Green, Tipp City
 Cynthia Lou Grosenbaugh, Canton
 Stephen M. Hammersmith, Huron
 Gregory Bradfield Harrison, Columbus
 Julia Harshorn, Chagrin Falls
 Kirk Christopher Hassel, Toledo
 Carol A. Hector-Harris, Columbus
 Justice Bernard Hill, Columbus
 Patricia Kay Hoersten, Columbus
 Karen Jean Imhoff, Circleville
 Mary Ann Iwashita, Kettering
 Cynthia Ann Kallile, Toledo
 Barbara A. Kohler, Euclid
 Kellie Anne Lamone, Gahanna
 Jeannine Lauber, Columbus
 Barbara Jean Lay, Columbus
 Margaret E. Lemcoe, Columbus
 Mark Anthony Leonard, Amherst
 Cynthia J. Lipowitz, Columbus
 Barbara Marsh Lippman, Wilmington, Del.
 Sandra Lyman, Mt. Glen
 Ellen Marks, South Euclid
 Melissa Kay McCreary, Springfield
 Carson Harold McCurdy, Woodsfield
 Marcy Ellen Meckler, University Heights
 Sheryl Ann Miller, Huron
 Ethel Barbara Mokhiber, Pittsford, N. Y.
 Robin Lee Morris, Carroll

Timothy M. Novotny, Lorain
 Nicholas Perrie, Columbus
 Douglas Young Peters, Mayfield Village
 Robert William Prosser, Columbus
 Mark Allan Rawdon, Columbus
 Caroline S. Rostafinski, Rocky River
 Robert Jay Rudinger, Columbus
 Mark D. Rudner, Canton
 Jerry Dean Shriver, Ashland
 Margaret A. Smith, Medina
 Earl Evert Steffensen, Barberton
 Jeffrey N. Trimble, Worthington
 Gary Lee Watkins, Columbus
 Marsha Marie White, Cleveland
 Sandra K. Wies, Lima
 Kathryn Louise Williams, Toledo
 Richard Stacey Wofford, Toledo
 Lois Rea Short Worley, Lithopolis
 Frederick John Wyman II, Findlay
 Ilene Susan Zeldin, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

Four hundred and seventy candidates

Wayne Carl Adair, Mansfield
 James Marriion Adkins, Oakhill
 John Richard Adzema, Akron
 Gregory Albertson, Columbus
 Harry William Altvater, Columbus
 Lauri Ann Anderson, Barberton
 Sherie Dee Anderson, Columbus
 John Patrick Andrews, Rocky River
 David M. Angel, Toledo
 Phillip Michael Armstrong, Columbus
 James Richard Arnold, Columbus
 Terri Ann Asch, Lorain
 Mark Richard Ashley, Mansfield
 Philip Dennis Axelrod, Lyndhurst
 Kathleen Ann Bahren, Avon Lake
 Bradley Donald Bahr, Lexington
 Carolyn Sue Bainter, Lancaster
 Craig A. Baldridge, Columbus
 David William Ballinger, Centerville
 Donald Lee Barnett, Westlake
 Richard Alan Barnett, Canton
 Lisa D. Bartlett, Worthington
 Dale L. Beck, Lakeview
 Robert C. Becker, Columbus
 Walter L. Beller, Cleveland Heights
 Patricia Stalzer Bendick, Bedford
 Robert Scott Bendure, Columbus
 Marie Louise Berry, Columbus
 Craig Benjamin Berson, Beachwood
 Robert Michael Berwanger, Columbus
 Jeffrey Douglas Binder, Findlay
 Richard Neil Bishop, Jr., Findlay
 Jeffrey Black, Toledo
 Steven Glenn Black, Columbus
 Robert John Blackledge, Canton
 Bradley John Blank, Mansfield
 Thurl Kevin Blume, Minford
 James Laurence Bolt, Westerville
 Peter Alan Bonfini, Bellaire
 George Boyadov, Mentor
 Kevin Gerard Bradley, Solon
 Cynthia Sue Brown, Morral
 Kimberly Sue Brown, Kettering

1 Also Cert.Grad.Dent.Hyg., College of Dentistry
 2 Also Bachelor of Science in Education, College of
 Education

Mark Edwin Brown, Steubenville
 Victor Carl Brown, Dayton
 John David Brozovich, Flushing
 Kent Arthur Brumbaugh, Englewood
 Michael Lee Bruns, Kettering
 John Milton Bryant,
 Washington C. H.
 Kathryn Gail Buker, Los Angeles, Calif.
 Jill Joanne Burch, Columbus
 Jon Skylar Burgess, Columbus
 Donald Eugene Butler, Columbus
 John Clarke Byrnes, Upper Sandusky
 John Francis Cadden, Canton
 Kevin Nathan Callan, Poland
 Susan Ann Callos, Youngstown
 Cecelia Louise Campbell, Brecksville
 Sandie Cannon, Cleveland
 Joseph Frank Casagrande, Columbus
 Dana Alan Case, Parma
 Karen Lynn Chapman, Dayton
 James Gregory Charles, Zanesville
 James Poul Chievitz, North Canton
 Irene Mary Chmielewski, Fairborn
 Philip Victor Clark, Hebron
 Ross Korder Climo, Euclid
 Michael Vincent Clipper, Strongsville
 Alan Barton Clonch, Columbus
 Robert A. Clyse, Ironton
 Philip Robert Cochran, Danville
 Nancy Anne Collinson, Cleveland
 George Jeffrey Comstock, Warren
 James Kraft Conkle, Marion
 Richard Lee Conrad, Gibsonburg
 Anthony P. Cook, Columbus
 Anne Elizabeth Costello, Mentor
 Dennis Joseph Coughlin, North Canton
 Edward R. Crater, Coshocton
 Gregory Travis Cribbet, Columbus
 Bruce Robert Croteau, Sandusky
 Jon Mark Crouse, Salem
 Jeffrey Alan Cunix, Youngstown
 Danny Lynn Cunningham, Sardis
 Thomas Victor Curto, Euclid
 Thomas James Dahlhausen, Parma
 Gerald Blair Davis, Worthington
 Linda Sue Day, Columbus
 Dan Lee DeWolf, Newark
 Daniel Anthony DiCarlo, Scarsdale, N. Y.
 Donald Lee Diebert, Marion
 Thomas Dale Dimond, Central Lake, Mich.
 Robert Michael Dodge, Akron
 Marja Kay Dodge, Lima
 Charles Acie Dotson, Shelby
 Karlis Janis Draulis, Conneaut
 Hans Daniel Dreyer, Columbus
 David John Drysdale, Kettering
 Douglas David Duwe, Richmond Heights
 Scott Allen Eastman, Canton
 Robert Joe Eckart, Madeira
 Nicholas Stephen Ecos, Tiffin
 Eddie Gene Edwards, Springfield
 Sylvia Renate Effer, Mansfield
 Craig George Eisner, Cheshire, Conn.
 John Mark Eltzroth, Jamestown
 Lynnette Kay Everett, Dover
 Brad James Eyler, Belleville
 Curtis Lee Fackler, Mansfield
 Anthony Albert Felici, Berea
 Janet R. Ferritto, Grove City
 Nicholas Michael Ferry, III, Mineral City
 Charles Everett Filbin, Columbus
 Gregory John Filo, Middleburg Heights
 Ingrid Jane Fils, Cincinnati
 Kurtis Brent Finley, Cincinnati
 Gary Alan Fisher, Gratiot
 James Timothy Fisher, Columbus
 Stephen Henry Fitzer, Columbus
 Allan John Foltz, West Chester
 Anne Leonard Ford, Rocky Hill, Conn.
 Scot Alan Foster, St. Clairsville
 Kurtis Lee Fowler, Lisbon
 Mark Alan Fritz, Warren
 David George Frohnape, Ashtabula
 Pamela Ann Fudge, Columbus
 Perry Joseph Gaal, Worthington
 Alison Ann Gannon, Cleveland
 George Louis Gastel, Broadview Heights
 Charles William Gehring, Columbus

Jeffrey Lee Geiser, Harrod
 Charles Robert Giesiege, Holgate
 Frank Gifford, Jr., Marion
 John Franklin Gill, Columbus
 Michael Edward Gillaugh, Dayton
 Jerry Alan Gilliland, Wayne
 Charles Andrew Gillman, Farmersville
 Joseph Vincent Gioffre, Columbus
 Patricia Lynn Gladys, North Royalton
 Paul Richard Glatte, Oceanside
 Frederick Stephen Glover, Chillicothe
 Susan Lewis Goehring, Kettering
 Steven Kent Good, Columbus
 Mark David Goren, Beachwood
 Ronald Scott Grasgreen, Lyndhurst
 Elise Joy Greenberg, Sioux City, Ia.
 Mark Allen Griffin, Columbiana
 Jeffrey Wayne Grimm, Richmond
 Barry D. Gritton, Toronto
 Kenneth Groom, Barberton
 Richard D. Gross, Westerville
 Ralph Leo Guarasci, Columbus
 Irwin Gary Haber, Cleveland
 Peter Bosch Hagan, Toronto
 Robert Edward Hale, Columbus
 Stephen Alan Haller, Worthington
 Philip John Halley, Huron
 Ernest Hanshaw, Niles
 Jeffrey Lynn Hardesty, Columbus
 Jeffrey Alan Harr, Circleville
 Curtis Lee Haskins, Marietta
 Fred Clifton Hawk, Logan
 John Edward Hawn, Ashtabula
 Mary Ann Helmick, Akron
 James P. Heintschel, II, Maumee
 Diane Lynn Heintz, Columbus
 Craig Allan Henderson, Columbus
 Douglas Gene Hensel, Strasburg
 James McNeill Henshaw, Cuyahoga Falls
 Patricia Ann Hatfield Hickey, Columbus
 Debra Hill, Cleveland
 Jeffrey Earl Hilyard, Aurora
 Jeffrey Earl Hittle, Greenville
 David Allen Hlavac, Euclid
 David George Hoffmann, Perrysburg
 Harry Tobias Hollander, Canton
 Joseph Francis Hook, Crestline
 David Gordon Hoopes, Mantua
 Richard Lorrnell Hudson, Coshocton
 Brian Carr Huegel, Marion
 David Louis Huelsman, St. Henry
 Kevin M. Huey, Kettering
 Richard Myron Hunt, Columbus
 Robert Lee Hylton, Columbus
 Dakoru D. Ikiroma-Owiye,
 Port Harcourt, Nigeria
 Ademwale Ajibola Ige,
 Efon, Alase, Ondo, Nigeria
 David Timothy Isler, South Euclid
 William Dean Jackson, Cuyahoga Falls
 George London James, New York
 Stacy Kay Jamison, Worthington
 Jeffrey Ross Jarboe, Worthington
 Harold Eugene Jenkins, Columbus
 Todd Robert Jindra, Aurora
 Vernon Dale Jokey, Worthington
 Jeffrey Douglas Jones, North Canton
 Richard Jordan, Jr., Cincinnati
 Robert Elwood Jordan, Columbus
 Richard Jue, Euclid
 Edmond Forrest Kaptein, Indianapolis, Ind.
 Robert Marie Karg, Strongsville
 Steven Mark Kalko, Columbus
 William Regis Keane, Worthington
 Melissa Ann Kegerreis, Dayton
 Paul Eugene Keller, Brecksville
 Kathleen Kempert, Euclid
 Glenn Eugene Kershaw, Jr., Madison
 Bradley Eugene Kinnell, Columbus
 Margo Marie Klein, Centerburg
 Charles Edward Knapp, St. Clairsville
 Thomas Robert Kottentette, Columbus
 Sherry Ellen Krasney, University Heights
 Jeffrey Martin Kuehn, Columbus
 John Timothy Kuhn, Wapakoneta
 Gary Allen Kunze, Columbus
 Alfred Alexander Lach, Westerville
 Barry Shannon La Fone, Columbus

Alexander Christie Lambrinides, Cincinnati
 Paul James Lapworth, Newark
 Michael Edward LaRocco, Parma
 Robert George Laughlin, Cincinnati
 Jeffrey Alan Lawson, Rossburg
 Michael Ray Lawson, Rossburg
 Robert Douglas Lawson, Jr.,
 Washington, D. C.
 Douglas William Leber, Flemington, N. J.
 Grace Ping Lee, Columbus
 Kathy Ann Lehmann, Lima
 James Walter Lemmon, North Canton
 William Robert Lemons, Jr., Wheelersburg
 Wesley Mark Leonard, Oregon
 Joseph William Leone, Columbus
 William Edward LeRoy, West Seneca, N. Y.
 Craig Meredith Lewis, Massillon
 Linda Lou Liming, Springfield
 Lori Jean Linder, Norfolk, Va.
 Allen Ray Linebaugh, Columbus
 John Robert Link, Coldwater
 James Francis Litzinger, Westerville
 Thomas Philip Locke, Alexandria, Va.
 William Whitsett Luce, III, Hanoverton
 George Randy Mackall, Wellsville
 Andrew Neil MacKay, Columbus
 Michael Joseph Macurak, Columbus
 Robert Tormey Madden, Hudson
 Michael J. Mahoney, Columbus
 Scott Henry Mantyla, North Canton
 Mark Steven Marinik, Lorain
 David Anthony Marino, Lorain
 Jeffrey Norman Marlowe, Greentown
 Philip Alan Marnecheck, Seven Hills
 Jack William Marquardt, Brooklyn
 William Vores Martin, Kettering
 Monica Marie Massa, Lexington
 Robert Andrews Mattimore, Toledo
 Johnny Edward May, Cardington
 Kimberly Ann McCluskey,
 South Bend, Ind.
 Charles Thomas McConnell, Milan
 George Robert McCue, Lorain
 Howell Dalton McCullough, III, Dallas, Tex.
 Kristine McJaid, Cherry Hill, N. J.
 Donald Wayne McFall, Jr., Toronto
 John William McGrath, Parma Heights
 Jeffrey Dwain McGuire, Caldwell
 Heather Kathleen McIntosh, Madison
 William Anders McKee, Columbus
 Suzanne Treviitt McLaughlin, Willoughby
 Mark Allen McNett, Lima
 David Ronald McVay, East Liverpool
 Thomas Frederick Means, Columbus
 Richard George Medich, Steubenville
 Philip Scott Mehall, Shelby
 Mark Paul Mehill, Parma
 Paul Louis Merriely, Cleveland
 Kenneth Edward Mesaros, Fairview Park
 David Grod Metz, Lyndhurst
 Richard A. Meyers, Medina
 Charles Michael Miller, Dublin
 Jonathan Mitchell Miller, Bay Village
 Patrick Steven Miller, Columbus
 Richard Barry Miller, Columbus
 Donald David Miller, Defiance
 Gary Ming, Great Neck, N. Y.
 Jeffrey Kemp Mise, Bellefontaine
 Robert Walter Mishowsky, Clifton, N. J.
 Ronald Mitchell, Cleveland
 Brian Lee Modic, Euclid
 Richard James Moody, Kettering
 Timothy John Moore, Larchmont, N. Y.
 Johnathan Daniel Mortenson, Columbus
 Sandra Jane Moser, Mason, Pa.
 Patricia Ann Mulcahy, Columbus
 Larry Eugene Mustard, Cincinnati
 Mark Richard Munsell, Columbus
 Allen Jav Mutzig, Berwyn, Pa.
 Steve J. Mygrant, Columbus
 John Alfred Nachreiner, Berea
 Victor J. Narusas, Euclid
 Richard Carl Needles, Columbus
 Douglas Edward Nofzinger, Oregon
 Blaine Harold Norris, Montgomery
 Ralph Anthony Nunez, Struthers
 Dolores M. O'Brien, Bellevue
 Robert Earl Oeters, Cincinnati

Leslie Ann Olszewski, Dayton
 Jeffrey Lee O'Neill, Olmsted Falls
 Paula Renee Orisek, Cleveland
 Jose Ignacio Ospina-Mazuera,
 Bogota, Colombia
 Pamela Sue Palmer, Fredericktown
 John Isaac Pargeon, Jr., Mt. Vernon
 Andrew M. Parker, Chagrin Falls
 James Lawrence Parker, Woodmere
 Laurie Ann Parkinson, Euclid
 Denise Diane Paugh, South Vienna
 Bruce Michael Pearlman, Cleveland
 Dean Anthony Pedon, Columbus
 Heidi Joy Pervin, Toledo
 David A. Petersilge, Cuyahoga Falls
 Michael Sherman Petti, Columbus
 Steven M. Pettler, Beaver Falls
 Edward Martin Paltzgraf, Findlay
 James Michael Phipps, North Canton
 Janet Louise Pierce, Lima
 Robert Anthony Pinter, Seven Hills
 Richard Edward Pirkko, Boardman
 Brad Lee Pospichel, Columbus
 Katherine Rossel Postle, Columbus
 John E. Powell, Alexandria
 George Theodore Poyar, Jr., Rome
 Thomas Christopher Prentice, Columbus
 Sandra Ann Quinzel, Whitehall
 Scott Cornelius Ranney, Kirtland
 Jennifer Jane Ralph, Zanesville
 Edward Anthony Reik, Columbus
 James M. Reynolds II, Terre Haute, Ind.
 Jan Ann Rhee, Sidney
 Gregory Lee Rhine, Lima
 Nancy Bill Richards, Portsmouth
 Michael Elliot Richman, Beachwood
 Rodney Allan Rickabaugh, Shreve
 Stephen Edward Riegel, Jackson
 Ellen McGary Rill, Dayton
 Carol Denise Robinson, Cleveland
 Alvin Charles Rodack, Red Bank, N. J.
 Anne M. Roesch, Columbus
 William Donald Rohrer, Canton
 David Allen Rose, Wellington
 Mark Arnold Rosenberg, Shaker Heights
 Kevin Dale Rosenstein, South Euclid
 William Mark Rothenberg, Cleveland
 Gregg Lee Rothermund, Columbus
 Richard Thomas Rothmund, Wadsworth
 Shawn Elizabeth Rudy, Cincinnati
 Richard Alan Russ, Westwood, Mass.
 Mark Edward Ryan, Fairborn
 Scott W. Saffell, Worthington
 Mary Jo Salay, Medina
 Robert Salmen, Mansfield
 Steven Edward Salzer, Columbus
 Wayne Thomas Salyer, Gomer
 Jayne Marie Sassano, Akron
 Kurt Carson Saunders, Ashland
 Donna Lee Sawan, Brooklyn, N. Y.
 Irwin Robert Schechter, Commack, N. Y.
 Susan Jean Schmidt, Lima
 Toby Lynn Schneiderman, Akron
 Jean Rabe Schottenstein, Cleveland
 Gordon Murray Schwartz, South Bend, Ind.
 Janet Marie Schwartz, Fremont
 Kirby Carlson Schwelke, Lakewood
 Donald John Scott, Richmond Heights
 Gary W. Segal, Pittsburgh, Pa.
 Anthony Phillip Sextito, Columbus
 Robert Joseph Sexauer, Toledo
 David Michael Shealy, Tiro
 Robert Owen Shimmim, Avon Lake
 Thomas Scott Shirk, North Canton
 Barbara Lynn Shieler, Columbus
 Andrew Brian Shoup, Troy
 David Michael Showe, Columbus
 Larry Edwin Shumaker, Bucyrus
 David Lee Shumar, Massillon
 Robert Keith Simon, Parma
 Jeffrey Alan Slott, Columbus
 Terry Carroll Smetzer, Wooster
 Cathy Ann Smith, Troy
 David Nelson Smith, Zanesville
 Dwight Eric Smith, Dayton
 Gerald Frederick Smith, Grafton
 Theodis Smith, Toledo
 Tracy Warren Smith, Rocky River

Bradley L. Snyder, Lexington
 Juliana Lee Snyder, Parma Heights
 Jerome Glenn Solove, Westerville
 Paul Michael Sonnhalter, Canal Fulton
 Joseph Peter Sorg, Defiance
 Colleen Alicia Spencer, Chevy Chase, Md.
 Terry Scott Spencer, Columbus
 John Roderick Spittle,
 Niagara Falls, Ont., Canada
 Randall Paul Sroczynski, Maineville
 Stuart Michael Stafman, Beachwood
 James Richard Stainbrook, Worthington
 Ellen Theresa Staubach, Cincinnati
 Lynne Adele Stebens, Columbus
 John Thomas Stelzer, Celina
 Christine J. Renner Stewart, Zanesville
 John Alan Stiles, Lima
 Dennis Steven Stillwell, Wellsville
 Bryan Allen Stocker, Gnadenhuetten
 Anthony John Stojak, Steubenville
 Dean James Storer, North Olmsted
 Phillip Wayne Stotz, West Unity
 Paul Raymond Streibig, Columbus
 Valda Marie Strong, Cleveland
 Lee Ian Sturman, Beachwood
 Michael George Sudsina, Huron
 Luther Blain Sutherland, Westerville
 Alan James Sutton, Bedford
 James Robert Swain, Wadsworth
 Jeffrey David Swanson, Louisville
 Kenneth John Switzer, Columbus
 Betty See Tan, Quezon City, Philippines
 William Evans Tanner, Columbus
 Robert Charles Taylor, Columbus
 Gary Allen Thomas, East Liverpool
 Richard Lee Thomas, Cincinnati
 Victoria Lynn Thomas, Bolle Valley
 Terry Wayne Tipple, Columbus
 John David Titus, Marion
 Gregory Joseph Tobergte, Hamilton
 Amy Lynne Troxell, South Charleston
 Joy Hailey Tucker, Columbus
 Richard Scott Uehlein, Lorain
 Richard George Uetschy, Columbus
 Daniel Thomas Unterbrink, Van Wert
 Suzanne Valko, Mentor
 Ellen-Augusta Vance, Columbus
 Bruce Stephen Velt, Bellaire
 Mark R. Volsky, Beachwood
 Norbert Anthony Vorst, Kalida
 Ellen Kay Vosler, Worthington
 Kim Sloan Wadsworth, Sylvania
 Daniel Jacques Wajahn, Euclid
 Barry James Waters, North Olmsted
 Gene Mirek Watson, Dayton
 Christopher Anthony Weaver, II, Leetonia
 Richard Arthur Weinstein, Canton
 Craig Alvin Weisheimer, Columbus
 James Wesley Wells, Findlay
 Oana Wexler, Tel Aviv, Israel
 John David Wheeler II, Caldwell
 Jeffrey Thomas White, Columbus
 David Huston Williams, Mt. Gilead
 Nancy Jean Williams, Columbus
 Robert Sutton Williams, Westerville
 Jill Adams Willis, Washington C. H.
 David John Willis, Massillon
 Dwight Thomas Wilson,
 Irlington, Ont., Canada
 Michael August Winigman, Columbus
 Leslie Robin Wolfe, Columbus
 Larry Lee Wolbert, Hilliard
 Wayne Keith Yerman, Columbus
 George Allen Young, Euclid
 Kenneth Stanley Zelachowski, Columbus
 Dean Zientni, Parma
 Peter W. Zimmerman, Bay Village
 Terry Lynn Zutcher, Wilrot

Bachelor of Science in Labor and Human Resources

Five candidates

Lori Marie Carpenter, Columbus
 Charles A. Farrell, Columbus

Bruce Philip David Kupper, Toledo
 Linda Elaine Tawil, Mentor
 Mark Nelson Woyar, Broadview Heights

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Three hundred and four candidates

Mark Robert Ackerman, Oregon
 Steven Wayne Allshouse, Columbus
 Thomas Joel Althouse, Harpster
 Ronald Carl Anders, Columbus
 Richard Keith Ansley, Columbus
 Donn William Appelman, Wooster
 Amy Elizabeth Artrup, Kingston
 Meriette Elizabeth Arwady, Columbus
 B.S. (York College of Pennsylvania)
 Ricky William Baker, Celina
 James Thomas Ball, Bellevue
 William Todd Barnett, Warren
 David Carroll Barrett, Jr., Vincent
 Robert William Baughman, Jr., Youngstown
 Timothy Edgar Beathard, London
 Lynda Darlene Beatty, Dayton
 Ted Frank Beckman, Minster
 Stephen Edward Belcher, Columbus
 Marsha Marie Berls, Columbus
 Carol Lynn Bieberbach, Newark
 Jeffrey Norden Bilkert, North Canton
 Joy Faith Bishop, Columbus
 Diana Laver Bowman, Columbus
 B.S. (Miami University)
 Bruce Allen Bradley, Columbus
 Thomas Edward Bratton, Danville
 Dennis Robert Breining, Brecksville
 Jane Ellen Briggs, Gambier
 Brian Keith Brill, Milford Center
 Mark Alan Brohard, Ray
 George Malcolm Brooks, Bluffton
 Karl David Buck, London
 Gerald Eugene Bunnell, Fredericktown
 Harlan Edward Burk, Columbus
 B.S. (Concordia Teachers College)
 Marilyn Ann Burns, Plain City
 Jeff Eugene Byers, Loudonville
 James Stephen Calhoun, Ashland
 Catherine Jeanie Campbell, Pataskala
 Christopher Webb Clark, Dayton
 John Robert Clawson, Columbus
 A.A. (New York University)
 Terence Wetzel Clay, Jackson
 Patricia Joanne Clifford, Elyria
 A.G.S. (Lorain County Community
 College)
 Kathleen Coffman, Columbus
 Richard Conte, Richmond Heights
 Robert Roudinot Scott Cook, Columbus
 Sharon Elizabeth Cooper, Lucas
 Ian Michael Cowie, Uniontown
 Patricia Ann Coyle, Kettering
 John Heber Cranston, Martinsville
 John Gerard Craven, Columbus
 Susan Rose Creech, Dayton
 John Raymond Crossnock,
 Canal Winchester
 Maria Sue Cunningham, Columbus
 David John Dannaher, Columbus
 Timothy Alan Davey, Findlay
 Laura Kay Davis, Logan
 Michele Elaine Deam, Springfield
 Thomas Lee Dickman, New Bremen
 Douglas Roland Diefenthaler, Columbus
 Harry Timothy Dixon, Shreve
 Paula Byrd Donahue, Keene, N. H.
 Mark Allen Dorow, North Ridgeville
 Beth Anne Dorrance, Mingo Junction

Michael Shelton Dougan, Columbus
 Steven Michael Dougan, Columbus
 Ronald Ray Dukes, Mt. Cory
 Jerome Anthony Ebbert, II, St. Clairsville
 Daniel Eugene Ebert, Cardington
 James Richard Ellis, Tiffin
 William Ellis VIII, Tiffin
 Thomas LeRoy Engelhaupt, Quincy
 Laura Jean Eriksen, Columbus
 Holly Jo Espenschied, Dover
 Kenneth Bryan Farwell, Dayton
 Joseph Leo Feldhaus, Cincinnati
 Charles Paul Ferroni, Hayessville
 Candace Kay Fisher, Columbus
 Pamela Susan Fisher, Canton
 Warren Stanley Fisher, Sabina
 Kirk Wesley Fortest, Tiffin
 Donald Kenyon Freeman, Columbus
 Jayne Marie Froning, Cincinnati
 Richard Allen Frueh, Lima
 Cynthia Marie Gaboricke, Parma
 Melanie Sue Gates, Baltimore
 Beth Martha George, Defiance
 Denise Ann George, Paulding
 Nancy Carol Gerstner, Columbus
 Chris Wollen Gilbert, Greenville
 Linda Ann Giles, Edison, N. J.
 Margaret Ann Gillette, Perrysburg
 Robert Craig Godden, West Jefferson
 David Jay Goldenberg, Brooklyn, N. Y.
 Michael Alan Goodman, Lincoln Park, N. J.
 Melissa Anne Gore-Koenig, Columbus
 Joel Michael Gottlieb, Elyria
 Patrick Leland Graham, Xenia
 Mark Hamilton Greiner, Columbus
 Carl Lewis Grilliot, Versailles
 Leslie Jane Guyton, Akron
 Pamela Sue Hall, Columbus
 Joseph Heywood Harrison, Mt. Vernon
 Scott James Hartie, Westerville
 Jeffrey Scott Harvey, Springfield
 Louise Marie Hayek, Seven Hills
 Beverly Lou Hayes, Warren
 Peter Conrad Hazel, Wakeman
 Debra Susan Hedge, Cumberland
 Richard Allen Hendershot, Lore City
 Tracy Brian Hendrickson, Centerville
 Cathy Kay Heston, Kimbolton
 Bonnie Luella Hirsch, Lakeside
 David Gene Hiser, Milledgeville
 Daniel Geoffrey Hodze, Wooster
 Charles Lee Holzer, Vestal, N. Y.
 A.S. (York College of Pennsylvania)
 Janet Lee Houser, Marion
 Larry Maynard Huber, Bluffton
 Ann Susan Huling, Westerville
 Randall Gunnard Hultberg, Perrysburg
 Jay Henry Hyland, Englishstown, N. J.
 A.S. (Burlington Community College)
 Rodney Lee Imbrock, Defiance
 Roger Rudolph Inkrott, Leipsic
 Scott Glenn Jones, Jeffersonville
 Gregory Craft Johnson, Delaware
 Janet Garwick Johnston, Pataskala
 Jacqueline Sue Jones, Circleville
 Terry Fraser Jones, Chardon
 Thomas Joseph Kamenik, Perrysville
 Andrew George Kartal, Cincinnati
 Larry Paul Kauffman, Loudonville
 Glenn Allen Keck, Mansfield
 Patrick William Kelleher, Dayton
 Lova Berniece Kenn, Bethesda
 Mark Sherman Kener, Bowling Green
 David William Kindel, Reynoldsburg
 Monica Marie Kmetz, Lakewood
 Curtis Lynn Knipe, Crooksville
 Michael Joseph Kohan, Parma
 Alan Michael Kovacic, Parma
 Mary Kathleen Kral, Parma Heights
 Joy Brenda Krell, Dayton
 Elizabeth Ellen Ladrach, Wooster
 Stephen Alan Lambert, Columbus
 Mark Allen Landefeld, Woodsfield
 Ronald Joe Laparo, Mansfield
 Gerald Richard Latessa, Wickliffe
 Michael Wade Laughrey, Columbus
 Michael Louis Lieb, Conneaut

Sheryl Joyce Lieberman, Cleveland Heights
 Kurtis Dale Liljeberg, Cleveland
 Robert Findley Lindsay, Massillon
 David Robert Little, Grove City
 Jeffery Bruce Locker, Passaic, N. J.
 Curtis Allan Loeb, Cleveland
 Duane Donald Logan, Farmdale
 Ted Ervin Logan, Mt. Gilead
 Eric Lewis Lorents, Springfield
 Douglas Don Loudenslager, Morral
 Marc Lothair Lumpkin, Spring Valley
 Kenneth Lee Lynch, New Carlisle
 Brian Kevin Maddy, Fremont
 Kirk Arnold Markovitz, Cincinnati
 Dean Peter Martin, Salt Lake City, Ut.
 James Lee Martin, Seville
 John Leslie Martin, Wooster
 Richard Edward Martin, Newark
 Sandra Ursula Martin, Westerville
 Timothy Stephen Massie, Gallipolis
 Harold James Mathews, Kinsman
 John Michael Maul, Mansfield
 Kathleen Lee McCarthy, Columbus
 Denis Joseph McCausland, Akron
 Stephen Lee McClaskie, London
 Paul Lawrence McKinley, Columbus
 Lisa Robyn Meltzer, Fair Lawn, N. J.
 Charles Harris Michler, Jr., Lexington, Ky.
 *Anita Maria Migday, Kettering
 Calvin Jay Miller, Fayette
 Francis Xavier Miller, Tiffin
 Kevin Lee Miller, New Albany
 Mary Alice Musgrave, Forest
 Gregory John Nemece, Columbus
 Danny Paul Nethers, Newark
 Kenneth Douglas Neuzil, Cleveland
 *Mark Joseph Newman, Seville
 Gregory Albert Noll, Lancaster
 Kerry Rupert Oberlittner, Kenton
 Thomas Anthony Obreza, Euclid
 David Thomas O'Brien, Dayton
 Richard James O'Donnell, Columbus
 Diane Susan Olson, Columbus
 David Edward O'Neil, Kettering
 David Gordon Orr, Columbus
 Carol Jayne Osborne, Columbus
 Charles William Oyster, Mt. Vernon
 Ruth Pauly, Cincinnati
 Lynda Ryan Pealer, Ostrander
 R. David Pearl, Powell
 Vicki Lynn Peters, Westerville
 Catherine Jean Petersen, Columbus
 James Anthony Pippas, Cincinnati
 Jeffrey Dean Pitts, New Philadelphia
 Mary Nedette Place, Tiffin
 Michael James Platen, Warren
 Jody Lynn Pohl, Snyder, N. Y.
 Brent Rinner Porteus, Coshocton
 Amy Beth Posch, Cleveland
 Joan How Potter, Columbus
 Gayle Suzanne Poulsen, Strongsville
 Karen Dianne Price, Columbus
 Kenneth Allen Pritt, Chardon
 Mark Robert Quinn, Bucyrus
 Laurence Scott Raskin, Spring Valley, N. Y.
 Gary Karl Raeschko, North Royalton
 A.A. (Cuyahoga Community College)
 Adam Willibrudus Ravestien, Dayton
 Philip Richard Reeder, Butler
 Dean Alan Reynolds, Columbus
 Timothy James Rice, Cleveland
 Jeffery Alan Richman, Beachwood
 Terry Lee Ridenour, Hagerstown, Md.
 A.A. (Hagerstown Junior College)
 Thomas Arch Robertson, Gates Mills
 Robin Link Roeser, Newark
 Ann Edith Roggenkamp, Dayton

Matthew Ameade Rollins, Millbrook, N. Y.
 A.A.S. (State University of New York-Alfred)
 Julia Ann Rout, Columbus
 Judith Nan Rukin, Pepper Pike
 Andrew Charles Sacksteder, Fostoria
 Susan Eileen Sapecki, Columbus
 Craig Francis Sarver, Marietta
 James Mitchell Sass, Port Clinton
 David Russell Saunders, South Vienna
 Joletha Marie Sberna, Bellevue
 Johanna Lu Schauwecker, Columbus
 Elizabeth Ann Schmermund, Greenville
 Susan Elizabeth Schmidt, Lyndhurst
 Amy Jean Schmitz, Dayton
 Paul David Schoellman, Grove City
 Rosalee Sue Schutte, Columbus
 Paul Allen Schwartz, Norwalk
 Kathleen Marie Serkownek, Kirtland
 Luan Shehu Shaban, Mansfield
 Steven Douglas Shannon, Irwin
 Bradley William Sharp, Columbus
 Rodney Allen Short, Vincent
 Gregory Scott Shull, Lancaster
 Dierdra Joan Siekkinen, Warren
 Gailen Paul Slutz, St. Paris
 Claire Maureen Smith, Uniontown
 Nevin Ray Smith, Bellefontaine
 William Allen Snashall, Grove City
 Clay Hurd Snell, East Cleveland
 Steven Leslie Specht, Dover
 Joseph Buchanan Stafford, Columbus
 Richard Alan Starr, Washington C. H.
 *Sherry Lee Stauffer, Ashland
 Donna Christine Stavick, Poland
 Edward Joseph Steinberger, Fremont
 James David Steritz, Lynchburg
 David Lee Stiles, Wapakoneta
 Robert Stone, Pepper Pike
 Eric Dean Strouse, Millersburg
 Patricia Marie Sweeney, Marysville
 Laura Lee Swisher, Worthington
 Patricia Ann Tavener, Newark
 Kevin Sauter Thacker, Carlisle
 Debra Lee Thompson, Nutley, N. J.
 Jeffrey Anthony Tomski, Vandalia
 Victor Thomas Tope, Mt. Sterling
 Judy Lynne Townsley, Cedarville
 Daniel Raymond Tresco, Middleburg Heights
 James Edward True, Solon
 Donald Victor Ververka, Solon
 John Charles Vogel, Columbus
 Dale Edward Wack, Harmony, Pa.
 Kevin Jeffrey Wall, Columbus
 Richard Burton Wall, Columbus
 James Gerard Walsh, Dayton
 Richard Workman Wander, Columbus
 Nelson Eugene Ward, Jerusalem
 A.A.S.
 Donald Lee Warren, Leipsic
 William Mark Weaver, Cawfield
 Klaus Weber, New Philadelphia
 Michael Frederick Welch, Seven Hills
 Gregory Earl Welbaum, Covington
 Douglas Paul White, Columbus
 Barbara Elaine Whited, Sidney
 Charles Edward Widney, Sidney
 Karen Lee Willardson, Lexington
 Kathleen Sharon Wilmer, Fairfield
 *Gary William Wilson, Jolene
 William Allen Wilson, London
 Tamra Lynn Wiseman, Gallipolis
 John Clayton Wright, Clarksburg
 Donna Marie Wyman, Columbus
 Cath Ann Yarger, Tipp City
 Deborah Lynne Young, Ansonia
 Ruth Christine Zorn, Columbus
 Anita Marie Zurbrugg, Columbus

* Also Master of Science, Graduate School
 : Also Doctor of Veterinary Medicine, College of Veterinary Medicine

Bachelor of Science in Food Science

Thirteen candidates

Lyle Wayne Clem, Bucyrus
Joseph James Dimatteo, Miamisburg
Mark Anthony Galletta, Struthers
Charles Patrick Grover, Jr., Columbus
Stephen Thomas Keenan, Woodbridge, Va.
Julia Ann Knaggs, Wayne, N. J.
John Winslow Larkin, Columbus
Susan Julia McCleery, Richmond
William Lawrence Schreiber, Columbus
Stephen Frederick Singer, Pittsburgh, Pa.
David Allyn Smith, Lancaster
John Charles Talbert, Rayland
Neal Richard VanDegrift, Columbus

Bachelor of Science in Food Technology

Seven candidates

Ann Albrycht, Sandusky
Linn Elizabeth Briner, Columbus
Jeffrey Allen Buchs, Amherst
Janice Lee Cramer, Findlay
John Gordon Crammond, Oregon
Charles Scott Parrott, Kettering
Karen Ann Stockman, Parma Heights

Bachelor of Science in Nutrition

Ten candidates

Robert Lee Burger, Columbus
Bruce Lester Hillard, Bloomdale
David James Jasko, Avon Lake
Elery Kantz Lamkie, Columbus
Richard Alan Muegge, Mansfield
Carolyn Marie Primuth, Cleveland Heights
David Alton Ray, Columbus
Suzanne Elise Stachel, Hudson
Maria Stojkov, Cleveland
Joseph Edward Walton, Vienna

School of Home Economics

Bachelor of Science in Home Economics

One hundred twenty-seven candidates

Anne Elizabeth Adams, Montpelier
Kimberly Sue Adorni, Brecksville
Dawnalyn Green Carter, Forest
Cynthia Sue Allen, Chillicothe
Julia Ann Andrews, Columbus
Linda Elizabeth Baker, Newark
Dena Barry, North Canton
Debra Elizabeth Beale, Columbus
Mary Ann Benecke, Napoleon
Betty Jane Biddison, Columbus
Nancy Jo Binger, Arcadia
Susan Ann Bishop, Mt. Gilead
John S. Brenneman, Orrville
Catherine Brown, Chardon
Ristina Etelle Brown, Bluefield, W. Va.
Cindy Lou Brunow, Sandusky
Carolyn Sue Bryan, Cincinnati
Lisa Ann Callahan, Marion
Valerie Lynne Carter, Ironton
Deborah Lynn Charrette, Lexington
Marlene Childers, Cincinnati
Joan Marie Cooke, New Castle, Pa.
Denise A. Cosens, Columbus
Teresa Cotton, Alliance
Patricia A. Craiglow, Louisville

Kathleen Cricks, Sharpsville, Pa.
Mary J. Crouch, Columbus
Kathlyn Ann Crown, Mt. Gilead
Jeanette Csanyi, Uniontown
Jane Ann Custer, Convoy
Anna Marie Cypryla, Springfield
Laurie Jo Damude, Mansfield
Elizabeth Priest Daniels, Columbus
Patricia L. Davis, Brookville
Anne Ellen Dean, Centerville
Melanie Joy Demoret, Hamilton
Ann Louise DeWeese, Sidney
Jody Ann Dickson, Columbus
Sarah Louise Dove, Newark
Mary Ann Alfrevic Doyle, Marin
Carolyn Suzanne Eikost, Toledo
Rita Sue Eppler, Lakewood
Cynthia A. Faulkner, Urbana
Christy Ann Fowler, Columbus
Beverly Jane Gerhardt,

Franklin Lakes, N. J.
Karen Elaine Glass, Columbus
Susan Ann Goede, Cleveland
Keith Wayne Gorby, Springfield
Christine L. Green, London
Lynnette D. Hawk, Lima
Debra Kay Herbert, Columbus
Beverly Blossom Hernalyn,
East Meadows, N. Y.
Sharla Sue Holter, Columbus
Linda Sue Howell, Columbus
Karen Ann Howells, Youngstown
Pamela Kaye Jones, Marion
Karla Lea Kahler, Gahanna
Cynthia L. Kennedy, Ironton
Patricia Jean Kight, Columbus
Melinda Dianne Kincer, Hamilton
Karen Ruth Knobloch, Tipp City
Kimber Lee Komraus, Reynoldsburg
Andrea Robin Kramer,
West Hartford, Conn.

Kathleen Denise Lahmann, Cincinnati
Jean Elizabeth Lindsay, Fremont
Wendy Lee Linkinhoker, Springfield
Marietta Louise Mastbaum, Dayton
Michele Ann Matthey, Steubenville
Patricia A. McCarthy, Columbus
Kathleen McGraw, Lima
Kathleen McNamara, Dayton
Nancie Marie Metzger, Valley City
Judy Lynn Michaels, Bedford Heights
Carole Jean Miller, Baltimore
Cathy Jo Miller, Lima
Dawn Ellen Mohler, Trotwood
Carol J. Moosbrugger, Dayton
Susan Jane Moyer, West Troy
Susan Joy Musile, Mansfield
Cathy Lynn Noecker, Ashville
Diane Adele Plessinger, Wooster
Robin Elaine Pond, Columbus
Eva Jane Price, Wellsville
Ann Terese Ravotti, Leechburg, Pa.
Terri Jean Redman, Huntsville
Sarah E. Repke, Cincinnati
Betty Lu Rigg, Bryan
Felice Lynne Robbins, Columbus
Diane Lou Robison, Port Washington
Dorothy Lynn Rosenwasser, Columbus
Ramona Annita Roth, Mansfield
Virginia Lynn Ryals, Elyria
Judith Ann Rye, Waynesville
Lorinda Sue Scheetz, Heath
Shelly Ann Schimizzi, Willowick
Sharon Diane Shaw, Bluffton
Leah Gayle Sheppard, Columbus
Peggy A. Shupert, Seaman
Barbara Jane Shotts, Martinsville
Kay Jones Simon, Columbus
Diane Ellen Smith, Parma
Susan Rae Smith, Conroy
Nancy Arlene Snyder, Arcanum
Kimberly Anne Spangler, Bellefontaine
Mary Alda Spencer, Painesville
Valerie Ann Souier, Franklin
Carol Ann Stojkov, Cleveland
Frances Mary Lorraine Tapocsi,
Maple Heights
Barbara Jean Taylor, Columbus

Linda Ann Taylor, Ashland
Bernadine R. Thurn, Columbus
Anderia Lynn Trail, Brunswick
Kimberly Creamer Travis, Columbus
Sharon Kay Trimmer, Willard
Anita Helen Ullman, South Euclid
Marilynn Jean Van Kirk, Columbus
Linda Olmstead Walker, Westerville
Sandra Marie Walus, Barberton
Rebecca Ann Warren, Cincinnati
Catherine J. Webber, Mt. Sterling
Suzanne Lynn Weinberger, Akron
Susan Gale Weller, Mt. Gilead
Patricia Vail Whittington, Poland
Mary Alice Wurster, Maxwell A.F.B., Ala.
Randy Yetman, Columbus
Eva Marie Zoltai, Elyria
Jeanne Beth Zwallen, Hudson

Bachelor of Science in Nutrition

Six candidates

Neal Eugene Craft, Uhrichsville
Cheryl Ann Culler, Stryker
Dennis J. Custer, Lancaster
Joy Ann Keller, Galion
Colleen Marie Lovelace, West Jefferson
LaDonna Lynn Steiner, Columbus

Bachelor of Science in Restaurant Management

Four candidates

Marla Aileen Bowers, Logan
Pamela Twitchell Freeman, Columbus
Karen Sue Jones, Hincley
Gregory Samuel Sederoff, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

One hundred candidates

Donald Frank Alto, Solon
Jane Ellen Badanes, East Meadow, N. Y.
Victoria Mary Ball, Fairview Park
Charles William Beach, Defiance
Robert Edward Bostic, Forest Park
Brian Richard Boylan, Amherst
James C. Brewer, Cincinnati
Craig Dean Brown, Columbus
Steven E. Brown, Arcanum
Michael David Bruder, Lyndhurst
Jerry Allen Chiles, St. Mary's
Craig Russell Clois, Marion
Gregory Steven Codner,
Boiling Springs, Pa.
Daniel Charles Colegrove, Strongsville
Kim Collin Coy, Geneva
Colleen Sue Crook, Granville
Leonard Alford Davidson, Olmsted Falls
Roger Lee Denny, Columbus
Tony Thomas Desiccio, Parma
Susan Mary Flores, Columbus
Susan Marie Gallagher, Garfield
Jon Kibe Gardner, Cuyahoga Falls
Cathie Cooper George, Columbus
Russell William Gibson, Lakewood
Cynthia Joanne Gouthin, Ashtabula
David Gregory Grotz, Richfield
Kevin Lee Haver, Lima
James Robert Hayne, Wadsworth
Marjean Kaye Heisler, Hicksville
David Carlton Hildebrand, Springfield
Randy Dean Hinton, Columbus
Mark Eugene Horowitz, Cleveland

Jeffrey Lee Hoselton, Chillicothe
 Louis Bach Hoyer, Jr., Worthington
 Richard David Hughes, Sandusky
 Arlene Iva Jones, Lorain
 Michael Thomas Kaufman, Reynoldsburg
 Stephen Munro Keating, Columbus
 Beth Anne Keeling, Youngstown
 Robert Joe Keener, Dover
 David Phillip Kelley, Bexley
 Scott John Kirkpatrick, North Canton
 James William Kish,
 St. Catharines, Ont., Canada
 John Thomas Kneen, Canfield
 Amy Marie Kordenbrock, York, Pa.
 David Ray Kreitzer, Wapakoneta
 *Thomas Allan Krinov, Canal Fulton
 Daniel Eric Kromer, Sandusky
 Brian Lee Kunkel, Cincinnati
 Russell Thomas Lappa, Columbus
 Robert Steven Larson, Hicksville
 Cynthia Marie Lattyak, Forest Hills, N. Y.
 Edward Ross List, Columbiana
 John Matthew Lorenz, Columbus
 Steven Lee Lown, Columbus
 Mark Alan Lucas, Parma
 Gary B. Luttner, Medina
 Richard Burton Marsh, Columbus
 Gordon David McDonald, Columbus
 Ruth Billman McGovern, Marysville
 Jeffrey Leon McLaurin, Dayton
 Bruce Eugene Morgan, Mt. Sterling
 Mark Douglas Mowery, Logan
 Vicki Susan O'Connor, Columbus
 *Daniel Joseph O'Meara, Grove City
 John Richard O'Meara, Coshocton
 Anita Louise Ondrus, Oregon
 Susan Mary Oram, Dayton
 Lawrence David Orr, Fairfax, Va.
 Leslie Cay Phillips, Salem
 David Francis Pierce, Painesville
 John Vincent Pogacnik, Lorain
 Carol Therese Quinn, Westlake
 Kathleen Ann Radigan, Richmond Heights
 Gregory Alan Reams, Lima
 Jeffrey Lynn Reeb, Defiance
 David Scott Richardson, Lancaster
 John Allen Rickel, Columbus
 Robert Davis Rohl, Hobe Sound, Fla.
 Wayne Richard Rolsen, Columbus
 David Allen Sandkuhl, St. Mary's
 Melanie Ann Schmitt, Delaware
 Mary Esther Schroeder, Columbus
 Mary Anderson Taft, Cincinnati
 Sharon Elizabeth Taphorn, Cincinnati
 Robert Gerard Toll, South Euclid
 Mark Tolson, Middleburg Heights
 Greg Ellis Toppin, Dorset
 David Michael Tunder, Seven Hills
 Frederick Clifford Tyler, Cleveland Heights
 Dana Allen Varney, Delaware
 Sandra Ann Ponoleit Veverka, Columbus
 Barbara Lena Walinski, Toledo
 Christian Peter Walker, Xenia
 Curtis Randolph Warner, Cambridge
 Raymond K. Webster, Lawrenceville
 Janise Ann Wilson, Columbus
 Gary Robert Winkler, Medina
 Beth Ann Wolf, Worthington
 Robert Michael Wooton, Paulding

Agricultural Technical Institute-Wooster

Associate in Applied Sciences

One hundred sixty-eight candidates

Dennis Ackerman, Bayside, N. Y.
 Mary Beth Aitken, Rock Creek
 John James Akura, Wooster
 Chris Edward Allenbach, Lima
 Thomas Michael Allender, Loudonville
 Edward Allen Anderson, Lucas
 Sheryl Ann Arnold, Wellington
 Steven Lee Aukerman, Canton
 Kathy Michele Ayers, Kent
 Stephen Shelton Babcock, Wellington
 Joseph Kevin Bailey, Blanchester
 Dale Eugene Barkalow, Germantown
 Jack William Barthels, Avon Lake
 Paul Gregory Beathard, London
 William Eugene Bennett, Danville
 Jack Irvin Benton, Dayton
 Ellen Ann Bishop, Monroeville
 Marcelle Lou Bowman, Hanoverton
 Richard Stephen Brogan, Steubenville
 Ruth Schmidt Burns, Wooster
 Michelle Marie Cain, Cincinnati
 Susan Ann Calhoun, West Norwalk
 Jeffrey William Chambers, Tallmadge
 Marcia Ann Chenevey, Apple Creek
 Daniel Scott Childs, Holley, N. Y.
 Donald James Cicchillo, Youngstown
 Harold Andrew Clark, Windham
 Judith Lynne Claycomb, Avon Lake
 Suzanne Marie Conrad, Port Clinton
 Teri McCauley Crabbs, Mechanicstown
 Catherine Turley Curtin, Wooster
 James Francis Daley, Jr., Richfield
 Keith Allen Deimling, Cincinnati
 Carlos Enrique Diaz, Rosemont, Pa.
 Linda Marie Didion, Monroeville
 Beth Elaine Disbro, Granville
 Jessie Sue Doerschuk, Louisville
 Timothy David Dorow, North Ridgeville
 Rene Maria Dorsten, St. Marys
 David Allen Dubiel, Youngstown
 Charles Russell Duer, Willoughby Hills
 Patricia Jean Ferreri, Dunkirk
 Michael James Edwood, Cincinnati
 Christine Anne Fieck, Worthington
 Linn Delight Fischer, Mansfield
 Gerald Lee Flinn, West Salem
 Mary Beth Frey, Lisle, Ill.
 Kevin Michael Frodi, Rootstown
 Timothy William Gaier, Piqua
 James David Gallagher, Jr., Delaware
 Caryn Jane Geiser, Wooster
 Laura Marie Graep, Geneva
 David Paul Graham, Wooster
 William David Harlan, Shreve
 Dennis Dean Hartong, Clinton
 Edward Joseph Hayes, Medina
 Kathie Lynne Hayes, North Royalton
 Tomas Alan Hayes, Jackson
 Douglas Everett Hesseck, Cardington
 Paul Gehrke Hesse, Sandusky
 Scott Thomas Hinchcliffe, Edina, Minn.
 Gloria Miller Hines, Jeromesville
 Mary Louise Hockley, Greenwich
 Russell Elmer Hofer, Cuyahoga Falls
 Greg Charles Hoffman, Newcomerstown
 Melinda Lee Huda, Petersburg
 Michael William Hummel, Medina
 John Jakic, Parma
 Clyde Patrick Johnson, West Jefferson
 Pearl Nims Johnson, New Concord
 Kenneth Wayne Jones, Willowick
 Michael Scott Kaltenbach, Monroeville
 Steven Thomas Kanuch, Wooster
 Dennis Paul Karem, Stow
 Susan Marie Kelly, Galion

James Allan Kemeny, Cincinnati
 Robert James Killen, Worthington
 Barbara Ellen Kindel, Norton
 Lawrence Frank Kline, Jr., Akron
 John Franklin Knapp, Millersburg
 Jeffrey Robert Korb, Oxford
 Allen Jonathan Kramp, Toledo
 Donna Gail Lambert, Ironton
 Keith Alan Linderode, Alliance
 Sandra Kay Locke, South Vienna
 James Eric Lunden, Veradale, Wash.
 Patrick Walter MacAleese, Lisbon
 Cindy Kay Marker, Bloomingdale
 Candice Lea Masters, Toledo
 John Carl Masters, Dundee
 Randy Lee McFarland, Hillsboro
 Rocky Wayne Menzie, New Concord
 Craig Thomas Mercer, Columbiana
 John Benjamin Mercer, II, Louisville
 Dale Edward Miller, Wadsworth
 Donald Joseph Miller, Delphos
 Steven John Miller, Bucyrus
 Timothy Paul Miller, Chardon
 Dale Lee Musser, Lancaster
 Randall Russell Nichols, Freeport
 Janet Louise Nieport, St. Henry
 Thomas Blair Northrop, New Philadelphia
 Kathleen Ellen Norton, Carey
 Rodney Lee Orth, Troy
 Vicki Sue Orwig, Columbus
 Stephen Kent Overmyer, Lindsey
 Shirley Ann Painter, North Ridgeville
 Kim Richard Palmer, Flushing
 Dominic Leo Papania, New Waterford
 Brian Ashby Payne, Lucas
 Mark Stephen Phillips, Aurora
 Patricia Elaine Porchetti, Columbus
 Douglas Allen Potter, Croton
 John Kevin Price, Orient
 Gary Lynn Prill, Van Wert
 David Lewis Pursley, Navarre
 Vaughn Wade Puster, Lakeville
 Keith David Rase, Minford
 Linda Lee Rath, Columbus
 Jeffrey Thomas Ream, Homeworth
 Tamara Elaine Reiter, Wheelersburg
 Bradley Jay Richards, New Washington
 Ricky Lee Rindchen, North Canton
 Bruce Eugene Roberts, Wooster
 Karen Denise Roush, Parma
 Richard Lee Rowland, Columbus
 Holly Thornton Rumpler, Grafton
 Gary Alan Sadder, LaGrange
 Glenn Edmund Sanders, Willoughby Hills
 Kurt Alan Schlegel, Shreve
 Jeffrey Weston Schmitt, Avon
 Kathleen Ann Schummer, Lexington
 Mark Luther Shafer, Bloomville
 Alberta Gladys Shanley, Parma
 Randall John Shifley, Bucyrus
 Robert Dean Shoults, Edison
 Gregory W. Shroyer, Cincinnati
 David Eugene Shuman, Upper Sandusky
 Sandra Ellen Sklar, Medina
 Howard Louraine Smith, Mayport, Pa.
 Joel William Snyder, Paris
 Martin Kurt Stavenhagen,
 Saratoga Springs, Fla.
 Kevin LeRoy Sterling, Cygnet
 Linda Sue Swain, Lakeside
 Dale Louis Taylor, Upper Falls
 Amy Elizabeth Teple, Medina
 June Louise Trefz, Cardington
 Timothy Stephen Turton, Wooster
 Charles Enoch Vandergriff, Jr., Grafton
 Michael Douglas Velikoff, Galion
 David Garard Volk, Cincinnati
 Ronald Lee Wadian, Massillon
 Terry Dean Walton, Akron
 Paul B. Warner, Andover
 Ralph Emerson Watson, Mercer, Pa.
 Douglas Paul Weingart, North Canton
 Alton Winslow Whitehouse, III,
 Gates Mills
 Margaret Ann Wiesheier, Akron
 Jennifer Hewett Williams, Wooster

* Also Master of Science, Graduate School

Karl John Williams, LaGrange Park, Ill.
David John Wingert, Canton
Robert Charles Winter, Ashville
Thomas Wiolland, Akron
Craig Andrew Wood, Zanesville
Catherine Ivah Wright, Milford
Jodie Ann Yarhouse, Westerville
Deborah Jean Zabinski, Solon
Brant Edward Zucker, Bucyrus

Richard Gene Carr, Newcastle, Wy.
B.A. (Carroll College)

Dennis Michael Casey, Springfield
B.A. (University of Dayton)

Alice Chao, Cincinnati
B.A. (Douglass College, Rutgers
University)

David E. Chlysta, Ravenna
B.S. (Kent State University)

Thomas Kent Chubb, Findlay
Barbara Arps Churchill, Delta

Steven Thomas Clay, Worthington
B.S. (Denison University)

Russell Peter Colosi, Grand Island, N. Y.
B.S. (Ashland College)

Edwin N. Cook, Centerville
B.S. Pharmacy (University of Toledo)

Faith Ann Cookson, Canton
B.S. (Brigham Young University)

Timothy Bryan Cox, Barberton
B.S.

Donald Richard Curtis, Fairfield
B.A.

Joseph M. Dagati, Girard
B.S.

Michael Corniel Dahm, Dayton
B.A. (University of Dayton)

J. Curtis Dailey, Zanesville
B.S. (Ohio University)

Thomas Stephen Dietrich, Alliance
B.S. (Westminster College)

David Larsen Donnell, Bowling Green
B.A. (Miami University)

James Michael Drockton, Chesterland
B.S. (John Carroll University)

James Edward Ellashek, Youngstown
B.S. (Ohio University)

Alan Lee Fahndrich, Warren
B.A.

Timothy Harold Farney, Dayton
B.S. (Wright State University)

Marcia Lee Felock, Euclid
B.S. (Cleveland State University)

Randy Mark Feldman, Toledo
B.A.

Doug A. Feiger, Columbus
B.S. (Ohio University)

Joseph Philip Ferrini, Strongsville
B.S. (Baldwin-Wallace College)

Robert Patrick Finical, Bellville
B.S., M.A. (Drake University)

E. Roy Finley, Xenia
B.S.

Mark John Fleming, Cincinnati
B.S. (University of Dayton)

Richard Lawrence Fogel, Brookfield
B.S.

Gregory Clement Frese, III, Cincinnati
B.S. (University of Cincinnati)

Craig Leo Friesinger, Cincinnati

Martin William Fritz, Kent
B.S. (Mount Union College)

J. Michael Fuchs, Cincinnati
B.S. (University of Cincinnati)

Patsy Gentilcore, Jr., Niles
B.A. (Case Western Reserve University)
M.S. (Cleveland State University)

Benay LaMoyné Gilmore, Cleveland
B.A. (Northwestern University)

Gerald Neal Glickman, Youngstown
B.S., M.S. (University of Kentucky)

Martin George Goebbel, Louisville
B.S. (Bowling Green State University)

Alan Terry Goodman, South Euclid
B.S. (Ohio University)

David Edwin Grabeman, Kettering
B.S. (Furman University)

Floyd William Green, Cuyahoga Falls
B.S. (University of Akron)

Douglas Kent Greenwald,
Rancho Gordova, Calif.

James Douglas Guest, Columbus
B.S.

Michael Derrill Hablitzel, Port Clinton
B.A.

Michael Hendrik Hagen, Columbia Station
B.S. (Baldwin-Wallace College)

George Michael Hannah, Sr., Gahanna
B.A. (Saint Mary's University)

W. Chris Hanners, Canal Winchester
B.A. (Capital University)

Jeffrey William Harnist, Toledo
B.A. (Denison University)

John Gerard Hasbrouck, Galion
B.S. (University of Notre Dame)

Karl Edison Hegyi, Strongsville
B.S. (Ohio University)

Paul Warren Heinrichs, Toledo
B.S. (University of Toledo)

Bonnie May Henschen, Sidney
B.A.

Reino Scott Hill, Cleveland
B.S. (Cleveland State University)

Ronald Dale Holderman, Columbus
B.S.

James Michael Holloway, Parma
B.S. (Ohio University)

John Marc Holser, Galion
B.S.

John Matthew Hoskins, Shalersville
B.S. (University of Iowa)

Russell Edward Hudoba, Struthers
B.S. (Youngstown State University)

Thomas Edward Hutson, Worthington
B.A. (Capital University)

Nancy Lucille Jackson, Oxford
B.A. (Miami University)

Gary Lynn Jarrold, Cincinnati
B.A. (Miami University)

David George Jess, Marion

Salim Jreissaty, Columbus

M.S.
Gene Allen Jumper, Delaware
B.S., M.S.

Peter Stuart Katz, Cincinnati
B.A. (Boston University)

Also Bachelor of Arts, Colleges of the Arts and
Sciences

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

One hundred and eighty-four candidates

Douglas Adams, Xenia
B.S.

Kevin Culver Aiken, Hudson
B.S. (Marietta College)

Mark Bryan Artzer, Cincinnati
B.S. (Baylor University)

Sami Hasan Awadallah, Cleveland
B.S. (Cleveland State University)

Paul Henry Bailey, Youngstown
B.A. (Youngstown State University)

David Alan Ball, Worthington
B.S. (Bowling Green State University)

Bruce Eldon Barker, Alliance

Gary Allen Barker, Cadiz
B.A.

Jeffrey Lee Barley, Toledo
B.A. (Wittenberg University)

Thomas Wilson Beattie, Bowling Green
B.A. (Wittenberg University)

Carolyn Diane Bednar, Akron
B.A. (DePauw University)

Valerie Rae Wasley Bell, Lakewood
B.S. (Miami University)

Andrew Neal Berman, University Heights

Mark Anthony Betz, Wellsville
B.A. (Case Western Reserve University)

Robert Frederick Binkley, Jr., Toledo
B.A. (Toledo University)

Forrest Earl Blythe, Piqua
B.S. (Tennessee Technical University)

Gregory Mark Bookwalter, Mansfield

Edwin Harold Boy, Bellefontaine
B.A. (College of Wooster)

Garry DeWayne Boyd, New Lexington
B.S.

Lawrence E. Brown, University Heights
B.B.A. (Kent State University)

Donald Joseph Brunetti, Youngstown
B.A. (Hiram College)

Mary Ann Bukowski, South Bend, Ind.
B.A., M.A. (Oberlin College)

Bruce Douglas Burns, Mansfield
B.A. (Miami University)

Steven W. Campbell, Cincinnati
B.S.

William Harold Cardwell, Jr., Uniontown
B.S.

- Thomas Vincent Kelly, Jr., Mineola, N. Y.
B.S.
- David William Kidd, Columbus
B.S.
- Cheryl McMaster Kieffer, Rochester, N. Y.
Assoc. in Sci. (Monroe Community College)
- Charles Louis Kimberly, Akron
B.S. (Muskingum College)
- Samuel Robert Kiner, Cleveland
B.A. (Case Western Reserve University)
- Thomas M. Klepinger, Laura
B.S.
- Jeffrey Jon Kozy, Toledo
B.S. (Miami University)
B.S. (University of Toledo)
- George Bernard Kraft, II, Cincinnati
B.S. (University of Cincinnati)
- Randall Lee Kresger, Oak Harbor
- Jan Edward Kronmiller, Cincinnati
- William Thomas Kunkel, Jr., McDonald
B.A. (Oberlin College)
- Kenneth Oren Kyger, Gallipolis
B.S.
- Timothy Virgil Kyger, Gallipolis
B.S.
- Denis Alan Laird, Youngstown
B.S. (John Carroll University)
- Margie Jeffers Lawson, Albany
B.S. (Ohio University)
- William Gilmor Leffer, Massillon
B.S. (Grove City College)
- Philip Anthony Leone, Austintown
B.S. (Trinity College)
- James John Lipaj, Brecksville
A.B. (Colgate University)
- Gregory Dale Lisk, Hilliard
B.S.M.E.
- Deborah Marie Long, Centerville
B.S. (Denison University)
- John David Mahilo, Lorain
B.S.
- Robert Kevin Maloney, Hamilton
- Randall Craig Mathews, Athens
B.A.
- James Alvin Maxwell, Jr., Cleveland
B.S. (Baldwin-Wallace College)
M.S. (Saint Louis University)
- Michael Blaine Mazer, Cincinnati
B.S.
- Nicholas P. Mellion, Akron
- Melvin Lee Miskovich, Zanesville
B.S. (Ohio University)
- Timothy Vincent Monroe, Upper Sandusky
B.S. (University of Toledo)
- Anthony Charles Montagnese, Jr., Lorain
B.S. (University of Notre Dame)
- Kerry Dean Moore, Lima
B.A. (University of Cincinnati)
- Joseph John Morriello, Cuyahoga Falls
B.S. (University of Akron)
- Michael Carl Mueller, Kettering
- Jeanne Nicolette Mull, Leetonia
B.A.
- Barrant Wyatt Nelson, Medina
B.S.
- Stephen Michael Neuser, Toledo
B.A. (Saint Joseph's College)
- William Llewellyn Newberry, New Boston
B.S.
- Anthony Edward Nowak, Toledo
B.S. (University of Detroit)
- Bradley James, Ogg, Dayton
- James Kent Phillips, Carroll
B.S. (Ohio University)
- Diane M. Pollick, Toledo
B.S.
- Richard Christopher Quinttus, Dayton
- Randall William Radefeld, Fairview Park
B.A. (Ohio Wesleyan University)
- Rex Thomas Raper, Stow
B.S. (University of Akron)
- Gordon Howard Rauch, Van Wert
B.S.
- Jeffery David Render, Norton
B.S. (University of Akron)
- David James Rentz, Lima
A.B. (Miami University)
- Kevin V. Rethman, Rocky River
B.A. (Saint Louis University)
- Robert H. Riding, Delta, Utah
B.S. (Brigham Young University)
- Alan Marc Rockwern, Cincinnati
B.A. (University of Cincinnati)
- Rod Michael Rogge, Dayton
B.A.
- Louis Harry Rohrkasse, Cincinnati
B.S. (Xavier University)
- Richard Donald Rorapaugh, Jr.,
Upper Arlington
B.A.
- Gordon L. Sangree, Salem
- Richard Nandor Santho, Upper Arlington
B.A. (University of Louisville)
- S. Richard Scott, East Palestine
B.A. (Wittenberg University)
- John Richard Scuba, Cleveland
B.S. (Cleveland State University)
- Stephen Mark Shall, Toledo
B.A.
- Wesley E. Shankland, II, Lima
B.S.
- Robert Alan Shapiro, South Euclid
- David Edgar Shapter, Erie, Pa.
B.S. (Pennsylvania State University); M.S.
- Robert Gregory Shelhouse, Dayton
B.S. (Bowling Green State University)
- Mark T. Shue, Akron
B.S.
- Eric David Smith, University Heights
B.S.
- Vincent Robert Smith, Columbia Station
B.S.
- Andrew Edward Stanya, North Royalton
B.S. (University of Toledo)
- Thomas Alexander Steele, Marion
B.S.
- Mark Alan Straka, Elyria
B.A.
- Edward John Strittmatter, Jr.,
Medfield, Mass.
B.A.
- Richard Steven Talan, Columbus
B.A. (Ohio University)
- Jan Hexamer Tepe, Canton
B.A. (Northwestern University)
- Vera Terec, Cleveland
B.S.
- Howard Lane Tetelman, Lyndhurst
B.A., M.S.
- William Edwin Thompson, Columbus
B.A.
- Craig Brant Toothman, Columbus
B.A. (Miami University)
- Wayne Wesley Triplett, Ironton
B.S. (Union College)
- Howard Richard Tunick, Great Neck, N. Y.
B.A. (University of Miami-Florida)
- Gary Louis Unterbrink, Van Wert
B.S.
- Victor Frank Wallace, Canton
B.S. (Bowling Green State University)
- Leonard Emmitt Wallick, Columbus
B.S.
- Gregg Allan Warner, Kettering
A.B. (Miami University)
- Charles Cary Weber, Columbus
B.S.
- Walter Eugene Weber, Middletown
B.S.
- Leopold Weinstein, Cleveland Heights
B.A.
- Julianna Smith Wemmer, Toledo
B.A. (Miami University)
- Sue Ellen Weston, Columbus
B.A.
- Judith Carol Wheeler Wright,
Wilmington, Del.
B.S.
- Gayne Byron Williams, Wyoming
B.A. (Wittenberg University)
- Gregory Edward Williams, Cincinnati
B.S. (Xavier University)
- Erie Ray Winders, Hudson
B.S. (Ohio University)
- Warren Vernon Wingate, Cincinnati
B.S. (University of Cincinnati)
- Daniel Lee Woods, Moraine
B.S.
- Robert Todd Wootton, Cincinnati
B.S. (University of Illinois)
- Judson Rudolph Wynkoop, II,
Canal Winchester
M.S.
- William David Zeek, Martins Ferry
B.C.E.
- Mark Todd Zehler, Hamilton
B.A. (Maine University)

¹ Also Bachelor of Arts, Colleges of the Arts and Sciences

Certificate of Graduate Dental Hygienist

Eighty candidates

Donna Marie Abramovich, Brecksville
†Angela Theodora Anderson, Cleveland
*Kim Lee Aulio, Xenia
*Julia Marie Ball, Bellevue
*Michele Ann Becaccio, Cincinnati
Ellen Carol Becker, Toledo
†Deborah Lee Bedell, Bowling Green
Deborah Lynn Bernard, New Vienna
Bonnie Sue Blumenthal, Miami, Fla.
Alice Dee Burger, Fremont
*Elizabeth Jane Burr, Bellevue
*Nancy Sue Carbone, Parma
Deborah Sue Chaboty, Dayton
Christine Clugh, Stow
Sharyn Ann Datsko, Alliance
Kathleen Darice Ely, Excelsior, Mich.
*Nancy Marie Farnlacher, Johnstown
*Judith Ann Fricke, Wayneburg
Diane Katherine Froede, Columbus
Denise Christine Gialluca, Canton
Betty Sue Golden, Bexley
Barbara Lynn Gottlieb, Toledo
*Marie Ann Halas, Columbus
Lorra Boyce Hambach, Mt. Perry
Nida Jo Hancock, Dayton
Anne Marie Hartman, Galion
Joseph Michael Heider, Dayton
B.S.
Anita Louise Heimlich, Columbus
Susan Lea Hersman, Doylestown
†Cheryl Anne Hohenstepf, Kettering
Cynthia Ann Holtzapfel, Ironton
Maureen Dempsey Hoyne, Dayton
Denise Lee Huddle, Columbus
Joan Marie Hughes, Warren
Melinda Lee Hurst, Ashland
*Ann Elizabeth Husa, Cincinnati
†Marsha Yasue Iwahiro, Wahiawa, Hawaii
*Linda Jo Jack, Galion
Elyse Marie Kaleel, Canfield
Loretta Lynne Kelley, Columbus
Deborah Ann Kline, North Canton
*Susan Lynne Kozy, Akron
Jennifer Kay Lanz, Paulding
Cynthia Helen Levinson, Cincinnati
*Diane Lynn Longo, Waynesburg
Margaret Ann Magnacca, Dover
Ann Marie Martin, Dayton
Kimberly Kay Mauk, Lima
Maura McCarthy, Fairview Park
Katherine Mildred Mershon, Warren
*Cecilia Ann Moy, Mentor
Georg Leigh Nally, Morris Plains, N. J.
Kathryn Josephine Nidiffer, Poquoson, Va.
*Jane Elizabeth O'Brien, Worthington
*Shauna Kae Olsen, Bountiful, Ut.
Jacqueline Jo Parks, Westerville
*Debra Sue Parson, Columbus
*Rebecca Anne Pollard, Tucker, Ga.
Lynn Marie Pressler, Sandusky
Nancy Carol Raab, Lancaster
Debra Jean Reinemann, Xenia
*Elise Kay Richey, Chagrin Falls
Lori Lyn Ries, Columbus
Jennifer Marie Rolo, Lancaster
*Janis Annette Root, Millersport
*Isabel Davidge Rowland, Columbus
*Karen Marie Rugani, Waynesburg
Lynne Claire Rustad, Lakewood
*Susan Lynn Shepherd, Worthington
*Laurie Lee Springer, Solon
Christine Anne Tender, Lorain
Nancy Ann Terveer, Alliance
Catherine Louise Vento, Conneaut
Debra Jo Waldron, Stow
Judith Kay Washburn, Fairborn
Cynthia Ann Weiner, Lakewood
Karen Sue West, Columbus
*Lori Ann Widdoes, Sandusky
*Amy Wiesler, Sandusky
*Jennifer Lynn Wiggins, Columbus

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Five hundred and three candidates

Cynthia Marie Aaron, Cincinnati
Tariq Muhammad Abdelhadi, Columbus
Lynn J. Dunn Adams, Columbus
Ava Karen Adell, Cleveland
Otis Leon Adkins, Chillicothe
Mark Andrew Albert, Forest
Thomas James Alexander, Columbus
Joseph Hokkaido Allen, Columbus
Joanne Marie Allsop, South Amherst
Ann Elizabeth Amstutz, Lima
Teresa Lynn Antolino, Columbus
Janet Ann Archart, Woodsfield
Gary Alan Armbrust, Columbus
Sharon VanSchoik Arquilla, Columbus
JoEllen Askoff, Pataskala
Paula Sue Augenstein, Columbus
Sandra Michelle Augustine, Columbus
Eileen Kelly Baesmann, Columbus
Sarafrina Jean Banche, Columbus
Steven Dale Barnard, Columbus
Donna Lynn Barnes, Richmond Heights
Deborah Lee Barto, Green Springs
Chester John Barylak, Wintersville
John Latham Bass, Columbus
Kathleen Elaine Bauer, Mount Gilead
Dalene Kay Baughman, West Alexandria
Howard Eric Baumwell, Beachwood
Melinda Paye Beck, Marysville
Elizabeth Eileen Bennett, Columbus
Nancy Ruth Berg, Dayton
Robert Russell Berry, Marion
Constance Marie Blackstone, Galena
Deborah Jean Blake, Gahanna
Shella Rooney Boyle, Columbus
Debra Morgan Brandenstein, Miamisburg
Elizabeth Ann Breidt, Yellow Springs
Bruce Andrew Breiner, Columbus
Debra Jude Briggs, Columbus
Linda Mae Brost, Barrington, Ill.
Cheryl Sue Brown, Cleveland
Kay Wetzel Brown, Worthington
Mark Alan Brown, Columbus
Heather Anne Bruce, Columbus
Lois Ann Brumleve, Cincinnati
Lisa Marie Buerge, Columbus
Richard Glenn Bungarner, Jr., Circleville
Jeffrey LaNard Burke, Columbus
Michele Olivia Burns, Marysville
David Alan Butcher, Sandusky
Mark Edward Buxton, Worthington
James David Campbell, London
Victoria Mills Campbell, Columbus
Susan Marie Caris, Columbus
Scott Weyer Carmichael, Parma
Therese Marie Carnes, Westerville
Georganne Heather Carpenter, Lancaster
Mary Jane Carr, Mt. Vernon
Randi Marie Carroll, Columbus
Carolyn Louise Carte, Columbus
Kathleen Jo Casey, Columbus
David Michael Cass, Galion
Michael Allen Caudy, Columbus
Ronald Ricci Cavicchia, Bellaire
Teresa Gail Changes, Cleveland
Robert Alan Chapman, Columbus
Linita Chean, Santiago, Dominican Republic
Curtis Merle Chelvie, Youngstown
Janet Ann Chilcote, Ohio City
H. Marie Children, Columbus
Linda Mace Christie, Columbus
Thomas Henry Clark, Newcomerstown
Barkey Oshiek Clarke, Troy
Lynn Anne Cleary, Cincinnati
Debra Lynn Clevinger, Columbus

Gerard Joseph Clouse, Columbus
Susan Rebecca Clowe, Carroll
Leslie Lorenz Coakley, Heath
Deborah Lynn Coburn, Wickliffe
James Edward Cochran, Columbus
Teresa Jean Cockrell, Stouffville
Anita Jane Coen, Massillon
Janice Collins, Toledo
Cynthia May Colton, Lynnfield
Joan Pauline Como, Perrysburg
Janet Ann Covey, Springfield
Beatrice Ann Coyne, Dayton
Steven Martin Crosbie, Galena
Cynthia Marie Crusie, St. Marys
Thomas Earl Cummings, Beaver, Pa.
Robert Michael Curtis, Mt. Vernon
Jane Marie Daetwyler, Clarington
Anthony Charles Daniels, Youngstown
Charlene Renee Darden, Toledo
Becky Sue Davis, Centerville
Harold Wayne Davis, Fostoria
Donald Junior Davitz, Columbus
Donald Lee Dean, Columbus
Lynn Smith Dean, North Canton
Laura Lee Dearth, Bellevue
Thomas Eugene Deeter, Greenville
Deborah Marie DeGenova, Poland
Thursenia DeHart, Youngstown
Mary Sue Delahunty, Warren
Barry Evan DeLong, Adelphi
Peggy Carnahan DeMuth, Columbus
John Alan Denig, Mansfield
Kathryn Elizabeth Dickinson, Brook Park
Thomas Joseph Diebold, Newark
Glenda Jean Dilts, Canal Winchester
B.A. (Mt. Vernon Nazarene College)
Kim Elaine Dinger, Perrysville
Ann DiPangrazio, Columbus
Cheryl Jane Dolin, Fairlawn, N. J.
James Thomas Dorward, Worthington
Daren Kimberly Draves, Oberlin
Kelly Dean Ducey, Ottawa
Linda Sue Dyer, Cambridge
Howard Louis Eberts, Columbus
Holly Dale Eckstein, Tiro
Barbara Kay Egger, Springfield
Gregory Gerard Elchert, New Riegel
Christina Louise Ellis, Findlay
Concetta Cicotola Elisea, Columbus
Linda Wickham Ennen, Columbus
Sharon Salt Esswein, Columbus
Richard Esquinas, Columbus
Ollie Patricia Evans, Newark
Dennis Wayne Eychner, Rome, N. Y.
Sharon Elveta Ezell, Columbus
Deborah Lynne Fair, Genoa
Connie Sue Farris, Columbus
Jamie Sue Fine, Toledo
Carolyn Jean Fisher, New Vienna
Cheryl Lynn Fisher, Columbus
Jodie Adele Fissel, Columbus
Patricia Louise Fitzgerald, Columbus
Leslie Ann Floyd, Akron
Barbara Carmel Fuchs-Allen, Columbus
Susan Skuffa Fonticella, Columbus
Mary Karen Bennett Fortman, Columbus
Sheryl Lou Foster, Findlay
Patricia Sue Fout, Marion
Susan Edna Frankenfeld, Dayton
Ophelia Seals Fry, Bellevue
Randy Lynn Fry, Huntsville
John Frederick Funk, Columbus
Daniel Charles Gardner, Obetz
Elizabeth Ann Garvin, Brecksville
Heather Jill Gary, Comeaut
Sondra Forsyth Gay, Marion
Rita Ann Giamarco, Columbus
Cheryl Jean Gibbs, Gahanna
Gwendolyn Estep Gibson, Mansfield
Lawrence William Gill, Columbus
Lori Ann Gordon, Columbus

* Also Bachelor of Arts, Colleges of the Arts and Sciences
* Also Bachelor of Science, Colleges of the Arts and Sciences

Marrie Goldman, Mansfield
 Iris Goldstein, Matawan, N. J.
 Marianne Gorbey, Bridgeport
 Linda Sue Gower, Butler
 Cynthia Ann Graham, Columbus
 Patricia Eileen Greenbaum, Canton
 Heather Jean Gregory, Columbus
 Leann Grimes, Middletown
 Stephan Burley Grinstead, Columbus
 Mary Wagler Grover, Archbold
 Kathryn Eifert Groves, Columbus
 Nicholas Fred Hajjar, Columbus
 Constance Marie Gudel, Richmond Heights
 Marcia Jane Gunderson, Columbus
 Dawn Lurene Hackett, Columbus
 Nicholas Fred Hajjar, Columbus
 Leatha Jo Hale, Canal Winchester
 Lolanne Hale, New Matamoras
 Deborah Lynn Hales, East Liverpool
 Amy Sanders Hall, Marion
 Jeanne Roedel Hamm, Chillicothe
 James Jeffrey Hammond, Chillicothe
 Mary Lee Hammond, Granville
 Michael O. Hanlin, Springfield
 Suzanne Louise Hardie, Columbus
 Ralph Edison Harper, Columbus
 Phillip Alan Harris, Zanesville
 Jeffrey Harroff, Columbus
 Elaine Beth Haskins, West Jefferson
 Cherie Ann Hatton, Pataskala
 Warren John Hawkins, Dayton
 Patricia Lynn Hayduk, Wadsworth
 Laura Dangelo Hayes, North Royalton
 Daniel Bee Hedges, Bucyrus
 Judith Ann Henberger, East Canton
 Jane Kay Henninger, Laura
 Mary Anne Hertenstein, Norwalk
 Joyce Elaine Heter, Navarre
 Mary Ellen Heuss, Columbus
 Charles Edward Hickman, Reynoldsburg
 Elaine Kay Hicks, New Madison
 Denise Sue Hill, Zanesville
 Mark Charles Hiser, Westerville
 Theresa Ann Hite, Marion
 Stephen Edward Hoffman, Columbus
 Terrance Joseph Hoffman, Fremont
 Michael Timothy Hogan, Lima
 Suellen Marie Hoover, Columbus
 Todd Hunter Horn, Somerset
 Moreland James House, Jeromesville
 Kimberly Krouskop Howard, Lima
 Elizabeth Ann Howell, Akron
 Terrance Michael Hubbard, Columbus
 Rita Marie Hueckel, Columbus
 DeLinda Dale Huff, Columbus
 Rita Jean Huffer, Hebron
 Joyce Martin Hughes, Marion
 Lisa Marie Humphreys, Fort Jennings
 Roberta Ann Hurley, Columbus
 Dallas Ray Jackson, West Mansfield
 Susan Leslee James, Akron
 Lebra Ensign Jayne, Columbus
 Grete Alan Jenkins, Lewistown
 Theresa Jo Jesberger, Sandusky
 *Deborah Ann Jesse, Miamisburg
 Linda Ellen Joehlin, Curtice
 Cynthia Ann Johnson, Massillon
 Karen Christine Johnson, Worthington
 Marilyn Johnson, Amherst
 Scott Barrick Johnson, Columbus
 Sherry Lawson Johnston, Lima
 David Tod Jones, Columbus
 Susan Rae Jones, Baltimore
 Michael Jordan, Lancaster
 Karen Lou Joyce, Wintersville
 Craig Kenneth Kalman, Columbus
 Kathy Ann Kaufman, Waynesfield
 Susan Marie Keener, West Chester
 Gayle Jean Keener, Ashland
 Karen Sue Keiser, Marion
 Maureen L. Kelley, Columbus
 Maureen Ann Kelly, Saginaw, Mich.
 Linda Kay Kersker, Lima
 *Pauline Patricia Keyes, Cincinnati
 Kathryn Kay Kine, Delaware
 Janice Fay Kine, Columbus
 Jean Louise King, Coshocton
 *Robert Stephen Kinsey, Columbus

Cynthia Jane Klauer, Columbus
 Christy Gae Kline, Tiffin
 Maryann Knecht, Columbus
 Jeffrey David Knoll, North Fairfield
 Nancy Ellen Knorr, Lockbourne
 Rosie Ann Koch, Mansfield
 Kim Ann Kochako, Hebron
 Louise Anne Konstan, Akron
 Joan Lynn Korday, Mansfield
 Herbert Thomas Kozak, Zanesville
 Carol Ann Krapf, Parma Heights
 Debra Rae Krause, Kettering
 Cynthia Ann Krieg, Cincinnati
 Howard Steven Krieger, Columbus
 Diane Joan Kriz, Westbury, N. Y.
 Michael Andrew Krizan, Mansfield
 William Joseph Kruczyński, Grove City
 Debra Ann Kusner, Genoa
 Darlene Jean Kwaczala, Cleveland
 Patricia Ann Slawson Landis, Columbus
 William Clay Larkin, Parma
 Stanley Martin Lash, South Euclid
 Kathy Lou Lashley, Columbus
 Charles Bardwell Layman, Columbus
 Barbara Ann Leatherman, Napoleon
 Elizabeth Anne Leftwich, Dayton
 Carol Ventresca LeVerre, Columbus
 Garnet Ann Lewis, Columbus
 Christopher Edward Lind, Columbus
 Richard Willis Liston, Circleville
 Fred Lockwood, Ada
 William Luther Long, Tiffin
 Lana Cheri Lowary, Columbus
 B.S.
 Marsha Ruth Lowe, Stoutsville
 Jami Lee Lynn, East Liverpool
 Karen Lee Maase, Columbus
 Virginia Heather Macdonald, Mentor
 Dorothy Lynne MacEwan, Columbus
 Lisa Wiemero Maher, Columbus
 Matthew Dillon Markley, London
 Thomas Owen Martin, Columbus
 Susan Massey, Springfield
 Katrina Ann Mathias, Columbus
 Lois Giles Maughmer, Columbus
 Claudia Coggeshall Maurer, Springboro
 Marcy Ruth Maurer, Hamilton
 Elaine Marie McCafferty, Fairview Park
 Cynthia Sue McConnell, Coshocton
 Beverly Owens McCoy, Lima
 Leigh Anne McGaw, Columbus
 Patrick Wright McMahon, Chillicothe
 Molly Jo Messick, Columbus
 Michael Daine Meyers, Columbus
 Suzanne Milburn, Circleville
 Janet Lee Miller, Columbus
 Joy Wilnette Miller, Lexington
 Lorraine Kay Miller, Columbus
 Suzanne Marie Miller, Worthington
 Carolyn Miu Milligan, Mansfield
 Lenore Ann Mistovich, Campbell
 Susan Langstaff Monte, Lima
 John Douglas Moore, Roundhead
 Karen Sue Motschman, St. Paris
 Phyllis Lehnhart Mueller, Mansfield
 Kathryn Jean Muir, Columbus
 Steven Robert Muir, Columbus
 Carol Ann Muter, St. Marys
 Cathy Jo Myers, Ashville
 Beth Ann Ostrey, Mansfield, Columbus
 Karen Sue Nel Kirk, Bucyrus
 Beth Mikesell Nelson, Frazeeburg
 Patricia Jene Niehus, Columbus
 Robert George Nolan, Columbus
 Marie Rooney Norris, Columbus
 Timothy Dale Norton, Kenton
 Donna Jo Nye, Marion
 Beth Ann Ostrey, Miamisburg
 Janet Lee Oliphant, Marion
 Kim Olmhausen, Bryan
 Ruth Jensen Orewiler, Mansfield
 Leslie Kathryn Pampush, Rocky River
 Morena Ann Paoletti, Columbus
 *Constance Helen Pap-Wagner, Columbus
 Laura Anne Parg, Parma Heights
 Keith Joseph Patnode, Wadlington, N. Y.
 Rebecca Mosher Pearce, Columbus
 Thomas Scott Pebler, Tiltonsville

Carol Graham Peele, Wilmington
 Dorothy Louise Perry, Urbana
 Ann Natalie Phillips, Chillicothe
 Theresa Marie Plageman, Columbus
 Rhett Anthony Plank, Columbus
 Lisa Jill Plocher, Shelby
 Diane Osborn Poling, Warsaw
 Marian Catherine Popich, Pickerington
 Lynda Campbell Porter, Newark
 James Edward Postle, Worthington
 Michael Alan Powers, Columbus
 Cynthia Jones Preston, Columbus
 Deborah Sue Pulse, Hillsboro
 Pamela Truman Raabe, Delphos
 Karen Sue Ragen, Cincinnati
 Robert Francis Rains, Columbus
 Sheryl Ann Ramage, Columbus
 Priscilla Lynn Ramsey, Wadsworth
 Deborah Dameron Randall, Grove City
 Peggy Lynne Rector, Columbus
 Sheila Elizabeth Rector, Nashport
 Karen F. Reichelderfer, Columbus
 Renee Renico, Grove City
 Kathryn Ann Rexford, Groveport
 Barbara Kellogg Ricciardo, Granville
 Mary Marie Rice, Westerville
 Michael Louis Rice, Glenmont
 Deanna Ruth Richardson, Columbus
 Lorita Riley, Greenfield
 Noel Mathew Rini, Columbus
 Victor Alan Ritchey, Columbus
 Laura Rivers, Columbus
 Pamela Jean Robinson, Bloomingburg
 Stanley Eugene Robinson, Wapakoneta
 Mary Elizabeth Rogers, Columbus
 Robert Edwin Rohrbaugh, Louisville
 David John Rose, Ashland
 Ellen Ruth Rosen, Warren, N. J.
 James William Roush, Lancaster
 Michelle Ann Ruggieri, Steubenville
 Pamela Kay Ruyman, Mechanicsburg
 Patricia Jane Rupp, Columbus
 David Michael Ruschley, Columbus
 Kathryn Thomas Russell, Lexington
 Robert Ray Russell, Toledo
 George William Saez, Columbus
 Stephanie Balkun Sagon, Columbus
 Pamela Marie Sanders, Columbus
 Denise Lynn Sands, Hebron
 Elieser Santiago, Columbus
 Karen Lee Sapienza, Bradford, Mass.
 Christine Ann Sapp, Columbus
 Cindy Lee Sasser, Columbus
 Christopher Savino, Kettering
 Susan Helen Schaffner, Fayette
 Joan Elizabeth Schenk, Reynoldsburg
 Craig Evan Schieber, Findlay
 Amanda Vashon Schilling, Pickerington
 Kathleen Lee Schmelzter, Mansfield
 Ann E. Schmelzer, Delphos
 Cathy Jo Schmidt, Dayton
 David J. Scholz, Lima
 Laurel Melissa Schrack, Bellville
 Donna Marie Schroeder, Toledo
 Janet Lee Schuster, Columbus
 B.S.
 Shannon Dallas Semones, Columbus
 Kay Lynne Senft, Delaware
 Teresa Ann Sensmeyer, Mansfield
 Richard Deming Seymour, Shiloh
 William Fredrick Shannon, Jr.,
 Olmstead Falls
 Lori K. Sheets, Warren
 Stephen Harold Shelley, Bellevue
 Martin Reginald Shindle, Columbus
 Larry Warren Sills, University Heights
 Cynthia Ann Simmons, Rocky River
 Ann Holmiller Sims, Mansfield
 Joseph Francis Sjiostrom, Kettering
 Ralph John Slavik, Mt. Gilead
 Marion Irvin Smith, Jr., Circleville
 Susan Myers Smith, Willard
 William Stewart Snyder, Zanesville
 B.A., M.A.

* Also Bachelor of Arts, Colleges of the
 Arts and Sciences

Sandra Ann Socha, Lorain
 Janet Louise Spence, Boardman
 Mark Allen Spence, Columbus
 Maryann Stark, Kettering
 Jack William Stephenson, Columbus
 Diane Kay Stevens, Columbus
 Sally Bowen Stevens, Syracuse, N. Y.
 Sandra Lee Stevens, Columbus
 Barbara Jo Stewart, Jackson Center
 Karen Lee Stewart, North Madison
 Nancy Ann Stickrath, Marietta
 Karen Berents Stiteler, Mansfield
 Brian John Stolzenberger, Kettering
 Debra Ann Strait, Columbus
 Alice Eisiminger Strebel, Columbus
 John William Streitler, Lakewood
 Laura Ann Susman, South Euclid
 Deborah Jean Syler, Delaware
 Susan Paul Tackett, Dunkirk
 Henry Norman Taylor, Columbus
 Kandace Zollars Taylor, New Albany
 Linda Darlene Teel, Marion
 Leslie Ann Thiele, Dayton
 Darlene Kay Thomas, Wapakoneta
 Vanita Annette Thomas, Columbus
 Laurie Lee Thuma, Lima
 Victor Ambrose Timler, Westerville
 Brenda Kay Toler, Zanesville
 Jeffrey Theodore Torgerson, Columbus
 Tara Lee Trace-Richardson, Reynoldsburg
 Deborah Weiner Trimmer, Columbus
 Marilyn Beachy Troyer, Plain City
 Robin Lynn Tucker, Grove City
 John Edwin Turner, Dayton
 Robert Charles Turner, Columbus
 Teresa Marlene Underwood, Clarksville
 Magda Elizabeth Urschitz, Mansfield
 Susan Mary VanCamp, Hebron
 Gregory Ray VanHorn, Columbus
 Pamela Gaich VanHorn, Columbus
 William J. VanJura, Painesville
 Sharon Ann VanSchaik, Dayton
 Gloria Ann Vargo, Elyria
 Penny Jo Viers, Shelby
 Gary Ross Vipperman, Granville
 Attila Bela Vita, Westerville
 Sharon Leslie Wachsman, Cleveland Heights
 Sylvia Ann Wagner, Sidney
 Alicia Marie Waldeck, Reynoldsburg
 Sarah Elizabeth Walker, Mansfield
 Lori Jean Ward, Chillicothe
 Barbara Anne Ware, Winter Park, Fla.
 Stevan Joel Watson, Canton
 Anne Marie Waugaman, Brunswick
 Debra Kay Weaver, Logan
 Denise Ann Weaver, Delphos
 Shelia Rena Webb, Lima
 Kathy Ann Weiher, Toledo
 Theresa Marie Weisbarth, Avon Lake
 Ronald Joseph Weiss, Lima
 Faith Tamson Wells, Coshocton
 Janet Ann West, Columbus
 Leanne Ann Whittle, Columbus
 Nancy Louise White, Columbus
 Karen Ann Whitlatch, Gahanna
 Karla Jean Whitman, Wadsworth
 Aura Lee Whittaker, Worthington
 Madonna Rose Wick, Cleveland Heights
 Michael Karl Wiedebein, Newark
 Kathleen Ann Wieser, Lima
 Annette Kay Williams, Newark
 Catherine Marie Williams, Columbus
 Cynthia Lee Williams, Carey
 Lisa Anne Williams, Columbus
 Scott Evan Williams, Columbus
 Howard Edward Wingert, Springfield
 Beverly Ann Winters, Columbus
 John Kim Winzler, Fayette
 Robert Dale Wirth, Creston
 Catherine Ann Wise, Chagrin Falls
 John Lloyd Wolfe, Gahanna
 Deborah Ann Wood, Massillon
 Margie Ann Wright, Marion
 *Anne Louise Wutchietti, Euclid
 Beth Ann Wyandt, Van Wert
 Donald Ray Yates, Dayton
 Joseph Alan Yednock, Columbus

David Alan Yepsen, Columbus
 David Roy Yocom, Columbus
 Peggy Ann Zimmer, Arcanum

College of Engineering

Dean: Donald D. Glowser

Bachelor of Science in Aeronautical and Astronautical Engineering

Thirteen candidates

Scott James Anderson, Canton
 Keith Burton Barr, Columbus
 James Leo Coffey, Aberdeen, Md.
 Richard Gerald Docken, Jr., Kettering
 Jack Forrest Fullerton, Hebron
 David Michael Gloger, Shaker Heights
 Allan Jeffrey Greene, Glencoe, Md.
 Charles Barton Heath, Waynesville
 Dale William Hiltner, Dover
 David Alan Koshiba, Columbus
 James Thomas Lester, Jr., Halifax, Va.
 Michael Martin Schmidt, Mansfield
 Tariq Mohammed Tareen, Multan City, Pakistan

Bachelor of Science in Agricultural Engineering

Five candidates

Lawrence George Enders, Beloit
 Richard Dean Mason, Hamilton
 James Lee Price, Bowserston
 Terry Lee Stamper, Mansfield
 Van Jeffrey Young, Warsaw

Bachelor of Science in Ceramic Engineering

Nine candidates

Gregory John Andrews, Youngstown
 Candace Lee Endter, Worthington
 Timothy Mark Holman, Middletown
 Carole Jean Markhoff, Worthington
 Michael Paul Matson, Delphos
 Robin Annette Newton, Chillicothe
 George Jeffrey Roessler, Zanesville
 Donald Paul Slutz, Magnolia
 Brian Joseph John Zelinski, Urbana

Bachelor of Science in Chemical Engineering

Thirty-two candidates

Brian William Baird, Columbus
 David Maurice Bantz, Uniontown, Pa.
 Debra Lyn Beran, Middleburg Heights
 Douglas Thacher Brown, Chillicothe
 Jay Norbert Bruggeman, Columbus

Timothy LaRoy Burns, Circleville
 Daniel Mark Coombs, Centerville
 Christopher T. Cunningham, Bloomingburg
 James Harmon Etherton, Milforce
 Edward Jay Levine, Columbus
 Michael Patrick Moore, Zanesville
 Ronald Joseph Morin, Worthington
 David William Murphy, Cuyahoga Falls
 Dien Tu Nguyen, South Vietnam
 Nghia Thanh Nguyen, South Vietnam
 Elizabeth Ann Porczak, Mansfield
 Donna Jo Rolph, Mentor-Lake
 Daniel Rusyniak, Jr., Brooklyn
 David W. Sass, Sandusky
 Joe William Sayre, Columbus
 Rad Val Scott, III, Cincinnati
 Glen Michael Singer, Beachwood
 David Paul Steinmetz, Toledo
 Neil Phillip Stuber, Amherst
 Cheryl Ann Marie Sugar, Steubenville
 Stephen Boris Traicoff, Wakeman
 Robert Hans Valentin, Parma Heights
 Paul Wells Vance, Jr., Columbus
 Arthur Xenophon Vargaropoulos, Lowell, Mass.
 Brian Keith Weider, Tipp City
 Richard Jay Yoch, Rocky River

Civil Engineer

One candidate

Walter Douglas Wood, Valdez, Alaska
 B.S. (University of Alaska)

Bachelor of Science in Civil Engineering

Thirty-nine candidates

John Alan Aldrich, Lagrange
 Samir A. Al-Shubaily, Beirut, Lebanon
 Charles Richard Armbruster, Bucyrus
 Earel Mylroie Belford, Jr., Urbana
 Thomas Alan Bolte, Vandalia
 Carol Ann Bonini, Cincinnati
 Bruce George Brandstetter, Cincinnati
 Howard William Brown, III, Columbus
 Albert Robert Christie, II, Cincinnati
 Barry Cik, Cleveland Heights
 Denver Dean Collins, Streetsboro
 Gregory Bigham Comfort, Columbus
 David Edward Curtis, Fairfield
 Mahmoud Reza Djahanshahi, Shiraz, Iran
 Nelson Lee Eichelberger, Cincinnati
 Donald Hayes Glosser, Marion
 Marvin Lee Grieve, Jr., Medina
 Rahim Ghorbanzadeh Haghighi, Shiraz, Iran
 Spain Nile James, Celina
 Kim Kremer, Celina
 Daniel Alan Lindsay, Van Wert
 Steven Guy Lowry, Columbus
 John Edward Lynch, Columbus
 Donald Kenneth Mares, Columbus
 Ronald Keith Mattox, Madison
 Kenneth Lee McCurdy, Cuyahoga Falls
 Thomas Christopher McGhee, Westfield Center
 Ronald Martin McOmber, Dayton
 William Calvin Nolen, Jr., Moraine
 Mark Dennis Prater, Mansfield
 Gregory Repella, Steubenville
 George David Seanor, North Canton

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Douglas Jon Shealy, New Washington
Joseph Stefan Stibrich, Fairview Park
Daniel C. Stoyak, Columbus
Michael Howard Streng, Columbus
James Stanley Teater, Columbus
Carl Frederick Timeus, Jr., Sidney
David Paul Trainor, Dayton

Bachelor of Science in Computer and Information Science

Seventeen candidates

Thomas Alan Cain, Bay Village
Seth Louis Chazanoff, Euclid
Gary Michael Dybiec, Garfield Heights
Mohammad Reza Hakam, Lorestan, Iran
Mark David Hoffman, Wayne, Pa.
James Kevin House, Gahanna
Michael Kevin Howe, Springfield, Va.
*David James Kogler, Kettering
Sally Ann Lacker, Hamilton
Ronald Lynn McClain, Marion
Cindy Ann Mills, Cincinnati
Janice Ruth Naragon, Medina
Steven Michael Otting, Minster
Russell Paul Radigan, Brecksville
Georgia Ann Rumora, Columbus
Gregory Allen Smith, Columbus
Patricia Belinda Thompson, Columbus

Electrical Engineer

Two candidates

Douglas Frank Hamilton, Hamilton
B.S.
Nghiep Van, Saigon, Vietnam
B.S.E.E. (Ohio University)

Bachelor of Science in Electrical Engineering

Sixty-three candidates

Paul Julius Amling, Columbus
Randy Lee Bailey, Marion
Marc Alan Bernstein, Warren
Richard Anthony Bishel, Kensington
James Allan Capistran, Zanesville
William Morrill Casey, Reynoldsburg
James Stiles Castle, Bedford
Darwin Russell Church, Columbus
Gary Neil Clifton, Wheeling, W. Va.
William C. Colley, III, West Chester
Steven Lee Crain, Columbus
Thomas Benjamin Crane, Worthington
Richard Smith Damon, Columbus
John Dauper, Lorain
Garry Eugene Delugach, Ravenna
Thomas W. Downey, Westerville
Jeffery Edward Downs, West Carrollton
Dale William Drollinger, Medina
Ned Alan Earl, Sidney
Ronald Eldridge Earley, South Vienna
Michael Albert Franchek, Imperial, Pa.
Robert Harry Friedman,
Valley Stream, N. Y.
Monte Dale Fry, Coshocton
Gary Lee Grebus, Columbus
Abraham Halon, Hadera, Israel
Bruce Alden Hammond, Wickliffe
James Lloyd Hewlett, Columbus
F. Stuart Hicks, Fairview Park
Arthur R. Hunt, Brecksville
Douglas Clarkson Huntley, Columbus
Geoffrey Alan Kaercher, Newark
Douglas James Karl, Bay Village
*David James Kogler, Kettering

Donald Paul Kovalchik, Columbus
Richard Frederick Kroupa, Strongsville
Robert Harold Lauber, Jr., Leawood, Kans.
Ja-Ching Douglas Lin, Lima
David Allan Little, Columbus
Albert Duke Littlejohn, III, Worthington
George Lester Magoun, Eastlake
Barbara Elizabeth McHenry, Dayton
Harvey Eugene Mikesell, Columbus
Henry George Miller, Newark
Scott D. Miller, Galion
John Phillip Musser, Elida
Howard Michael Needham, Dayton
Howard E. Newman, Gahanna
Jay Franklin Ockert, Rockville, Md.
Stephen Frederick Oder, Mansfield
Mark Roy Patterson, Dover
John Charles Peffer, Columbus
James Edwin Pherson, Masury
Robert Louis Ponzianni, Kettering
Dominic Ricchetti, Parma
Lawrence David Rickly, Loudonville
Alan Raymond Roney, Middletown
*Michael Robert Savage, Columbus
Mark Richard Schrote, Marion
Gary Milton Schulze, West Chester
Joseph Daniel Smisko, Wadsworth
Bruce Edmund Snider, Cincinnati
Kenneth John Stoa, South Euclid
Larry Jay Thayer, Lancaster
Bobby Lee Walters, Washington C. H.
George Steven Young, Columbus

Bachelor of Science in Engineering Physics

Six candidates

Richard Mark Kepple, Huron
Brian David Richards, Columbus
Patrick Charles Rose, Painesville
*Michael Robert Savage, Columbus
John Charles Stultz, Mt. Vernon
Ronald Lewis Swerlein, Gahanna

Industrial Engineer

One candidate

Douglas Herman Wilges, Wapakoneta
B.S.Ed.

Bachelor of Science in Industrial and Systems Engineering

Twenty-seven candidates

Karen Lynn Bode, Youngstown
Beth Roberta Breidenbach, Dayton
Neil Allen Brumback, Lorain
Gregory Dale Cowles, Marion
Charles Robert Elgin, Columbus
Andrew David Falken, Lancaster
Catherine Margaret Ficken, Novelty
Jonathan Girard Flores, Columbus
John Alter Forker, II, Columbus
Barbara Jean Geib, Euclid
Gregory Alan Herrin, Bellbrook
Alan Paul Hoffmeister, North Olmsted
Andrew Jared Hughes, Dayton
Reinhard Tibor Justyak, Cleveland
Charles Louis Kapernaros, Worthington
Robert Charles Maloney, Hicksville
John Phillip Miles, Toronto
John Richard Payne, Columbus
Michael Edward Purcell, Mentor
Charles Scott Reed, Dillonvale
Ronald Gerald Schrote, Marion
Sergio Sotelo, Hamilton
Mark Andrew Tenner, Marion

William Dunham Vlasich, Columbus
David Ling Wang, Cincinnati
Jeffrey Warren Webb, Willowick
Gary Joseph Weisenberger, Findlay

Bachelor of Science in Mechanical Engineering

Forty-one candidates

Jeffrey Eric Aggas, Columbus
Todd William Alleshouse, Sugarcreek
Michael Joseph Backs, Lima
Daniel Scott Barger, Valley City
Ralph Lee Bishop, Jr., Zanesville
Avraham Brennmiller, Tel-Aviv, Israel
James Allen Burgess, East Liverpool
Arthur L. Butts, Loudonville
Norma Sue Butts, Perrysville
Felix Laurence Cheong-Leen, Hong Kong
B.A.
Andrew Arthur Cosner,
Barboursville, W. Va.
Thomas Alan Daubenmire, Lancaster
Mark Wesley Davis, Columbus
John Allen Heath, Rocky River
Stephen Louis Helentjaris, Medway
Douglas Charles Hostetter, Pepper Pike
William John House, Jeromesville
Randall Wayne Huber, Sunbury
Charles Michael Jenkins, Columbus
Robert Alan Koblenzer, Seven Hills
Mark Allan Lamontia, Brecksville
Robert Eugene Lee, Mansfield
David Warren Legg, Belpre
Gary Thomas Mantkowski, Brecksville
Patrick Francis Meleney, Dayton
Thomas Frederick Mooney, New Lexington
Joseph Allan Moore, Columbus
Rodney Eugene Moore, Marion
Steven Randall Nelson, Columbus
Stephen Patrick Nethero, Columbus
Mark Joseph Olasko, Independence
Randall Keith Roberts, Salem
Geoffrey Linn Routson, Monroe
Michael Herman Ruese, Columbus
Konrad Ulric Schiefer, Columbus
Hanan Terkel, Ramat Gan, Israel
Douglas Alan Trottman, Ashland
Robert E. Ward, Jr., Little Silver, N. J.
Keith Loudon Wharton,
Parkersburg, W. Va.
Robert Clayton Wright, Columbus
Matthew Stanley Zelinski, Urbana

Bachelor of Science in Metallurgical Engineering

Seven candidates

Walter Lawrence Demerest, Cincinnati
Gregory Allen Fuller, Conneaut
Stephen John Lenhart, Toledo
Wyndham George Mortimer, Dayton
John Philip Sauer, Mentor
Thad Joseph Schipperet, Columbus
Mark Edward Walters, Middletown

* Also Bachelor of Science in Electrical Engineering,
College of Engineering
* Also Bachelor of Science in Computer and
Information Science, College of Engineering
* Also Bachelor of Science in Engineering Physics,
College of Engineering

Bachelor of Science in Welding Engineering

Sixteen candidates

Mark Allen Adams, Rittman
Paul W. Brewer, II, Redford, Mich.
Thomas Edward Doyle, Columbus
Randall Thomas Hallum, Cleveland
Todd John Huna, Warren
Michael Edwin McCleery, Columbus
Darwin Ray Morton, Brookville
James Robert Northrup, Ann Arbor, Mich.
Jeffrey Scott Noruk, Brookfield, Wis.
Robert Gregory Peed, Minford
William Joseph Rebellino, North Canton
Richard Ernest Schneider, Westerville
Ronald James Speed, Cincinnati
Stephen James Studer, Middletown
Stephen Lewis Taulbee, Worthington
Thomas Henry Widowson, Columbus

Bachelor of Science in Architecture

Sixty-one candidates

James Douglas Adams, Westlake
Harold Cecil Baker, III, Columbus
James Michael Balsamo, Dayton
Donald Alec Barany, Portsmouth
Terry Lee Bell, Huntsville
Dean Charles Bollinger, Brookville
Daniel Joseph Borcicky, Buffalo, N. Y.
David Andrew Brehm, Columbus
Richard Allen Brow, Akron
Thomas Alan Bushman, Columbus
Bruce Shaner Cain, Gates Mills
Luanne Carleton, Columbus
Stephen Ciciretto, Lyndhurst
Bill Stanley Claiborne, Dayton
Charles Eugene Clements, Bethesda, Md.
Matthew Eugene Cooper, Ashland
Steven Ray Copeland, Worthington
Keith Anson Edwards, Gibsonburg
Mitra Aesaneh Farokhpay, Tehran, Iran
Russell John Fredette,
Sarasota Springs, N. Y.
Emil George, Jr., Rocky River
Jack DeWayne Hileman, Johnstown, Pa.
Stephen LeVente Homonnay, Columbus
E.A.
Norbert Allen Howell, Hamilton
Robert Brooke Hunker, Mansfield
David Michael Humphrey, Mentor
James Johnson, Columbus
Diane S. Kaufman, Columbus
Lawrence Patrick Kay, Cincinnati
Todd Wilson Knapp, Danbury, Conn.
Joseph Michael Kunkle, Toledo
Stephen Leonard Ludwinski, Seven Hills
Allan Stephen Lupton, Zanesville
Joseph Anthony Mastropaolo,
Massapequa, N. Y.
Robert Tomason Mercer, Wellesley, Mass.
Michael Allen Newman, Eaton
George John Papandreas, Lakewood
Ian Marshall Petroff,
Willowdale, Ont., Canada
John Jacob Plappert, Fairborn
William Charles Prenosil, Aurora
Kenneth Carl Redman, Xenia
Charles Alan Rodenfels, Pepper Pike
Robert Hamilton Rush, Kettering
Ali Sadeghi, Tehran, Iran
Russell MacKenzie Sanders, Milford, Conn.
Garry Stephan Schroeder, Mansfield
Peter William Henry Schubert,
Neenah, Wis.
Alfred Frank Schwartz, Jr.,
King of Prussia, Pa.
Lawrence Drake Sulzer, Cleveland
Robert Michael Sutton, Lindenhurst, N. Y.
Robert Alan Swickert, Bath, N. Y.
Roy Tabet, Beirut, Lebanon

Robert Steven Thompson, Marion
Peter Mark Viola, Wheeling, W. Va.
Dean John Vlahos, Warren
Donald Reginald Weaver,
St. Albans, W. Va.
B.A. (West Virginia State College)
Michael Howard Wildermuth, Willowick
Barbara Ruth Winzeler, Waterville
Mark Wisniewski, Toledo
Richard Steven Wolf, Mansfield
David Lynn Wright, Columbus

Bachelor of Science in Landscape Architecture

Fifty-one candidates

Lorraine Marie Albert, Canton
Terrence Edward Andrews, Olmsted Falls
Jon Jay Becker, Middleburg Heights
Paul Gerald Bettenhausen, Jr.,
Eatontown, N. J.
Robert Maine Blackford, III, Dublin
James Arthur Bozzacco, Massillon
Arlene Mary Cichan, Conneaut
Linda Sharon Cody, Reynoldsburg
William Robert Cody, Cleveland
Jeffrey Owen Conn, Cuyahoga Falls
Thomas Anthony Craven, Reading
Thomas Jay Degenhart, Fairborn
Jack Gabriel DiClementi, Wilmette, Ill.
Claude William Doering, Parma Heights
Patrick Richard Dominik, Celina
John Patrick Donegan, Northwood
David Archer Evans, Eastlake
Patricia Louise Faux, Cincinnati
Larry Stanley Fink, Upper Arlington
Rodrick Wade Garrison, Columbus
William Allen Gerhardt, Groveport
Christopher Goettge, Gnadenhuten
Jan Michael Goldfuss, Valley Stream, N. Y.
Sue Ellen Grapes, Elyria
Kim Roberta Gunderson, Dayton
Carol Pierce Harkness, Columbus
Thomas John Herlihy, Shelby
Scott Louis Hoersten, Sidney
Julie Elizabeth Karovics, East Cleveland
Richard Michael Klein, East Aurora, N. Y.
Willard Keith Lindberg, Arden, N. C.
Susan Elaine McEwen, Worthington
Keith Allen Myers, Dublin
Mark Alan Noble, Wheelersburg
William Tracy Rogers, Newark
James Leslee Salyer, Circleville
Gary Lee Segesman, Canton
Catherine Ann Serafin, Bellaire
Mary Elizabeth Sheppard, Akron
Lloyd Dennis Shields, Stroudsburg, Pa.
Gary Raymond Stierschula, Dayton
Jeffrey Allan Smith, Maumee
Ken Marvin Stoner, Uniontown
Bruce Michael Stout, New Concord
Robert Sewell Wamsley, Akron
Ellen Leslie Weinstein, Whitestone, N. Y.
Evan John Williams, Columbus
Gary Neil Wirth, Metuchen, N. J.
John Marcel Wolery, Findlay
John Charles Wood, New Concord
Bradley Wilson Young, Youngstown
Timothy James Zelek, Lorain

College of Law

Dean: L. Orin Slagle, Jr.

Juris Doctor

One hundred and eighty-four

Mark Andrew Adams, Parma
B.A. (Miami University)
Catherine Adams, Columbus
B.A.
David Warren Alexander, Springfield
B.A. (Wittenberg University)
Paul Waymon Allison, Cleveland
B.A. (John Carroll University)
Brian Richard Backus, Columbus
B.A. (University of Washington)
Daniel Allen Bailey, Marion
B.S. in Bus.Adm. (Bowling Green State
University)
William F. Ballam, Jr., Columbus
B.A.
Jane Elaine Ballenger, Marion
B.S.Ed.
James Harvey Balthaser, Columbus
B.A.
Thomas Edward Barnes, Columbus
B.A.
Richard Alan Baumgart, Beachwood
B.A. (University of Rochester)
Timothy John Bechtold, Cincinnati
B.S. (Xavier University)
Gary Wayne Becker, Chicago, Ill.
B.A. (Lake Forest College)
George H. Bennett, Jr.,
Berrien Springs, Mich.
B.S. (Miami University)
Joan Marsha Black, Toledo
B.A.
Roger Craig Blocher, Akron
B.S.C.I.S.
Gordon Joseph Bosa, Cleveland
B.S.C. (Ohio University)
Glenn Eugene Bost, II, Pittsburgh, Pa.
A.B. (Cornell University)
James Michael Buckley, Wilmington
B.A. (Miami University)
James R. Burchfield, Columbus
B.A. (Kenyon College)
Robert Edward Burns, Aurora
B.A. (Marietta College)
John Ira Cadwallader, Fostoria
B.A. (Denison University);
M.A. (University of Chicago)
Thomas Gerald Carey, Cleveland
A.B. (Dartmouth College)
Geoffrey Vernon Case, Columbus
B.A. (Denison University)
Gregory Alan Chapman, Williamsburg
B.S.C. (Ohio University)
Edward Kefgen Cheffy, Barnesville
A.B. (Harvard College)

Guy Grover Cline, Jr., Ashville
B.S.M.E.

Steven Allan Cohn, Hillsborough, Calif.
A.B. (Stanford University)

Joseph Linn Colburn, Jr., Columbus
B.A.

Peter Collins, Jr., Columbus
A.B. (Georgetown University)

Joseph Charles Cometti, Charleston, W. Va.
A.B. (West Virginia University)

John Watson Cook, III, Columbus
B.A. (Carleton College)

William Jay Cooper, Columbus
B.A.

William J. Corzine, III, Chillicothe
B.A.

John Marion Cox, Jr., Columbus
B.A. (Park College)

Michael Sellers Crane, Columbus
A.B. (Harvard College)

Cynthia Cheryl Cummings, Columbus
A.B. (Princeton University)

William Charles Curley, Columbus
B.A.

Robert Michael Curry, Geneva
B.A. (Miami University)

Richard Carlton Daley, Brecksville
B.A. (Capital University)

James Marshall Daniels, Springfield
B.A.

Steven Lynn Dauterman, Findlay
B.A. (Muskingham College)

Dinah Lea DeVere, Columbus
B.A.

David William DeVita, Lima
B.A. (University of Notre Dame)

Walter Zachary Dolyk, Amherst
B.A. (Ohio Northern University)

Jon Alan Doughty, Springfield
B.A. (Wright State University)

Daniel William Dreyfuss, Cleveland
B.G.S. (Ohio University)

Lois Freyer Duran, Lima
B.A.

Judith Lanman Edwards, Lancaster
B.A. (Ohio Wesleyan University)

Julie Anna Edwards, Massillon
B.A.

Richard Allan Estabrook, Columbus
B.A. (Wesleyan University)

Terence Leslie Fague, Dayton
A.B. (Wilmington College)

Terrence Michael Fay, Lakewood
B.A., B.S. (Baldwin-Wallace College)

John Corwin Fergus, II, Columbus
B.A. (Denison University)

Bernard Matthew Floetker, Cincinnati
B.A. (University of Cincinnati)

Patricia Anne Folkerth, Columbus
B.A. (Wright State University)

Francis Xavier Frantz, Uniontown
B.A. (University of Akron)

Martin Harvey Frantz, Stow
B.A.

Ronna Lee Friedman, Cincinnati
B.A. (Northwestern University)

Stephen David Froikin, Dayton
B.A. (University of Chicago)

Sharonrose Kim Gale, Columbus
A.B. (Stanford University)

John Patrick Gartland, Cleveland
B.A. (John Carroll University)

John Joseph Gideon, Columbus
B.A.

Robert Joseph Gilker, Cincinnati
B.A. (University of Cincinnati)

James Dennis Godbey, Toledo
B.A. (University of Toledo)

K. Stuart Goldberg, Dayton
B.A. (Wright State University)

Richard John Gonzalez, Canton
B.A. (Northwestern University)

John Patrick Gordon, Elida
B.A. (Miami University)

Scott Edward Gordon, Akron
A.B. (University of Michigan)

Joan Louise Grant, Columbus
B.A. (Miami University)

Doris Guinevere Green, Carbondale
B.S. (Southern Illinois University)

Robert Louis Grossman, South Euclid
B.A.

Michael Earl Grove, Massillon
B.A. (Miami University)

Stephen John Habash, Steubenville
B.A.

Terence Richard Hagley, Chillicothe
B.G.S. (Ohio University)

Thomas E. Hamer, Dayton
B.A. (Anderson College)

Diane Elaine Hanson, Columbus
B.A. (Atlantic Union College)

Ralph Brian Hazelbaker, Columbus
B.G.S. (Kent State University)

Howard Bruce Hershman, Toledo
B.A. (University of Toledo)

Sandra Kay Hobson, Chicago, Ill.
B.A. (Northwestern University)

Paula Kay Hopkins, Cincinnati
B.A.

Stephen David Jacobson, Elmira, N. Y.
B.S. (Cornell University)

Wayne Alun Jenkins, Mayfield Heights
B.A. (Denison University)

Jeffrey Rutledge Jinkens, Columbus
B.S.Bus.Adm.

Nora E. Jones, Columbus
A.B. (Oberlin College)

William George Kalasky, Canfield
A.B. (Georgetown University)

Kenneth Joseph Kallberg, Lyndhurst
B.A. (University of Notre Dame)

David Laurence Karmol, Toledo
B.A. (Miami University)

Keith Lane Kennedy, Steubenville
B.A. (College of Steubenville)

Daniel James Klonowski, Cleveland
A.B. (Ohio University)

Leon Knight, Washington, D. C.
B.A. (Central State University)

Charles Anthony Koenig, Mentor
B.S.

Suzanne Miller Koestner, Fort Worth, Tex.
B.A. (Austin College)

Robert Martin Krivoshey, New York, N. Y.
B.A. (Yeshiva University);
M.A., Ph.D. (University of Chicago)

Susan Mary Kuzma, Seven Hills
B.A.

Adrienne Canter Lalak, Springfield, N. J.
A.B. (Upsala College)

Thomas Neal Ledvina, Parma
B.S. (United States Naval Academy)

Gary James Leppla, Vandalia
B.A.

Jane Eleanor Lesley, Barberton
B.C. (Case Western Reserve University)

Mark Alan Leslie, Columbus
B.A. (Miami University)

Jeffrey Stockwell Limes, Hillsboro
B.S.Bus.Adm.

Jean Marie Luczkowski, Sheffield Village
B.A. (John Carroll University)

Richard Walker Mack, Columbus
B.A.

Victoria Anne Manley, Columbus
B.S.

Mary Elizabeth Manton, Bryan
B.A.

Gerald Lawrence Margolis, Lorain
B.A.

Karen Lucille Martin, Columbus
B.A.

Kenneth L. McLaughlin, Reynoldsburg
B.S.Edu.

Robert Peter McManus, Rockville Center, N. Y.
B.B.A. (University of Notre Dame)

Susan Elaine McNally, Floral Park, N. Y.
B.A.

David Wayne Mellott, Springfield
B.A. (Miami University)

Jill Young Metcalf, Tampa, Fla.
B.A. (University of South Florida)

Robert Andrew Meyer, Bloomington, Ind.
B.S. (Indiana University)

Michael Reid Miles, Salem
B.S. (Ohio University)

David Paul Mirdali, Amherst
B.A. (College of Wooster)

Randall Edwin Moore, Columbus
B.S. (Massachusetts Institute of Technology)

Charles Howard Munnell, Masury
B.A. (Kent State University);
M.A. (Columbia University)

Gary William Nagel, Dayton
B.A. (Wright State University)

Mark Forrest Neubecker, Cleveland
B.A. (Case Western Reserve University)

Daniel Francis Novak, Lackawanna, N. Y.
B.A. (University of Notre Dame)

Stephen Nypaver, III, Parma
A.B. (John Carroll University)

Timothy William O'Day, Pepper Pike
B.A. (Yale University)

David Conrad Olson, Columbus
B.A. (Williams College)

Julia Lou Osborne, Columbus
B.A., M.A.

Joan Elizabeth Parks, New Bern, N. C.
B.A. (North Carolina Central University)

Carol Joy Perry, Northlake, Ill.
B.A. (Northern Illinois University)

Willie Ray Persons, Hinesville, Ga.
B.S. (Armstrong State College)

Margaret Ann Polanski, Mineral Ridge
B.A. (Denison University)

Gary Arthur Potts, Cleve
B.A. (Case Western Reserve University)

Jeffrey Dean Quayle, Tallmadge
B.S.Bus.Adm. (Miami University)

Daniel Evans Ramer, Piqua
A.B. (University of Miami)

Richard Joseph Remley, Youngstown
B.A. (University of Notre Dame)

Frederick William Rice, Columbus
B.A.

Andrew Michael Roemer, Lyndhurst
A.B. (Ohio University)

Larry Roy Rothenberg, University Heights
B.S.A. (Ohio University)

Peter Joseph Rue, Chagrin Falls
B.A. (University of Rochester)

Philip Patrick Ryser, Westlake
B.A. (Case Western Reserve University)

Gary D. Saltsman, Cleveland
B.S.Ed. (Bowling Green State University)

Louis James Sandor, Lancaster
B.A. (Ohio Dominican College)

Scott Paul Sandroek, Navarre
B.A. (University of Notre Dame)

Alfred Eugene Schrader, Akron
B.A. (Kent State University)

Stephen Allen Schumaker, Springfield
B.A. (Wittenberg University)

Dennis George Schwallie, Cincinnati
B.B.A. (University of Cincinnati)

Joan Patrick Selby, Canton
B.A. (Ohio Wesleyan University)

Connie Lynn Sharma, Lexington
B.A.

James Raymond Sheatsley, Jackson
B.A.

Carol Ann Sheehan, Midland, Mich.
A.B. (University of Michigan)

Karen Shoupe, Findlay
B.G.S. (University of Michigan)

Thomas John Sigmund, Parma
B.A.

Patrick Lee Singer, Portsmouth
B.A.

Christopher Charles Skambis, Jr., Mentor
B.A. (University of Connecticut)

Janice Nelzine Skipper, East Cleveland
B.A. (University of Pennsylvania)

Ramsay Hill Slugg, Mansfield
B.A. (Wittenberg University)

Robert Freeman Smith, III, Toledo
B.A.

Peter Russell Sorem, Rochester, N. Y.
B.S.

Eleanor Louise Speelman, Crestline
B.A. (Wittenberg University)

Jane Ann Spring, Uhrichsville
A.B. (Ohio University)

Vicki Lynn Sproat, Columbus
B.A. (Denison University)

David Alan Swift, Piqua
B.A. (Miami University)

Christine Marie Tanoury, Zanesville
B.A.

Leslie Mari Taoka, Toledo
B.A. (University of Toledo)

Richard Terry Taps, Columbus
B.A. (Denison University)

Stephen Giles Thompson, Brunswick
B.S.J. (Ohio University)

Jerrel Edward Towery, Dayton
B.A. (Wright State University)

James Paul Triona, New Lexington
B.A. (Georgetown College)

Gary Matthew Troyan, Parma Heights
B.A. (Bethany College)

Patricia McGough Tweel, Columbus
B.A. (Miami University) ; M.A.

Timothy Nicholas Tye, Dayton
B.A. (Miami University)

Stephen Francis Vogel, Cincinnati
B.A. (University of Kentucky)

Kurt J. von Boeselager, Cincinnati
B.A.

Randall Mitchell Walters, Columbus
B.S.Bus.Adm.

Douglas Wesley Warnock, Fairview Park
B.A. (Ohio Wesleyan University)

Robert Arnold Weible, Dover
B.A. (Wittenberg University)

Daniel W. Westerburg, Columbus
B.A.

Leslee Rose Wilkins, Chillicothe
A.B., M.A. (Ohio University)

Shirley Ann Williams, Albany, Ga.
B.A. (Albany State College) ;
A.M. (University of Illinois)

David Paul Williamson, Westerville
A.B. (Ohio University)

Samuel D. Williamson, California, Pa.
B.S.Bus.Adm.

Philip Higbee Wolf, Westlake
B.A. (Ohio Wesleyan University)

Russell Thomas Woodson, Evansville, Ind.
B.S. (Indiana University)

Gary Evan Wright, Fairborn
B.S. (Miami University)

Jane Audrey Yeager, Medina
B.S.Edu.

Wayne Alexander Zacour, Orrville
B.A. (College of Wooster)

Robert William Zumstein, Columbus
B.A.

Michael Hunter Albrink, Ironton

Donald Stanley Amdur, University Heights
B.S.

°James John Andrasko, Columbus

David Allan Baldrich, Portsmouth
B.S.

Laurence Havens Ballou, Jr., Akron
B.S. (Ohio University)

David Charles Baringer, Canfield
B.A. (Johns Hopkins University)

George William Barnett, Jr., Columbus
B.S.

Robert Willis Barnett, Avon
B.S. (Muskogum College)

Gregory Alan Barrett, Tipp City
B.A.

Martin Howard Beerman, Dayton
B.A. (Miami University)

Lawrence David Bell, Cincinnati
B.S. (Massachusetts Institute of
Technology)

Leo Leon Bennett, Northfield
B.S.

Constance Ann Benson, Columbus
B.S.

John Lawrence Bever, Somerset
B.S. (University of Notre Dame)

H. Stephen Beyer, Columbus
B.S. (Denison University)

Michael Peter Binder, Richmond Heights
B.S. (Heidelberg College)

Janice Fay Blazina, Columbus
B.S. (Youngstown State University)

Alan Belmont Bradley, Greenville
B.A.

Deborah Dee Brien, Farmdale
B.A. (Youngstown State University)

Diane Loise Brinkman, Cincinnati
B.S. (College of Mount St. Joseph on
the Ohio)

Michael Dale Brogan, Canton
B.A.

Danny Lee Brown, Dayton
B.S., M.S.

Carl Dale Brueggemeyer, South Euclid
B.S. (Cleveland State University) ;
M.S. (University of Rochester)

Michael James Buran, Parma
B.A. (Kent State University)

Robert David Burns, Ashland
B.A. (Thiel College)

David Dean Burnsides, West Carrollton
B.S. (Baldwin-Wallace College)

Stephen Bushek, Worthington
B.A. (Kent State University)

Catherine Englis Butler, Berea
B.A. (Winona State College)

Diane Arlene Butler, Jefferson
M.S. (Cleveland State University) ;
B.S. (Mount Union College)

Douglas John Butler, Centerville
B.A. (Miami University)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Two hundred and seven candidates

Stephen Lawrence Adams, St. Joseph, Mich.
B.A.; B.S. (University of Dayton)

* Also Bachelor of Arts, Colleges of the Arts and
Sciences

- Richard Henry Byers, Jr., Westerville
B.A. (Otterbein College)
- Edgar Lee Charlton, Lima
B.S. (University of Cincinnati)
- John Louis Clark, Louisville
B.S.
- Robert Alan Clark, Dayton
B.S. (Wright State University)
- Lynn Marie Cleary, Youngstown
B.S. (College of William and Mary)
- Bradford George Colegate, Harrison
B.A.
- Dennis Allen Conrad, Gibsonburg
B.A.
- Christopher Marsh Copeland, Columbus
B.S. (Ohio Wesleyan University) M.S.
- Jennifer Fay Culver, Columbus
B.S.
- Peter Charles Dandalides, Chardon
B.S.
- Christopher Lou Demas, Reynoldsburg
B.A. (Ohio University)
- Jeffrey Michael Dicke, Defiance
B.A. (University of Toledo)
- Marie Nancy DiLauro, Silver Lake
B.A. (Kent State University)
- Gerald Francis Dixon, Youngstown
B.S. (Youngstown State University)
- Paul Michael Dorinsky, Columbus
B.S.
- Thomas E. Dunaway, Sidney
B.A. (Olivet Nazarene College)
- David Joe Dunbar, Mount Blanchard
B.A. (Ohio Northern University)
- David Ned Dunbar, Defiance
B.A.
- Peter Michael Dureska, Canton
B.S. (University of Notre Dame)
- Robert Stephen Eby, Northwood
B.S.
- Richard Wayne Effinger, Willoughby Hills
B.A.
- Barry Allan Efron, University Heights
A.B. (Cornell University)
- Michael Joseph Felter, Shelby
B.S.
- Aaron Robert Folsom, Bellefontaine
B.A. (Capital University)
- Patricia Reilley Forman, Cleveland Heights
B.S. (John Carroll University);
M.A. (St. John's University)
- Alan Gray Forshey, Caldwell
B.S.
- Warren Nathan Frank, Cleveland
B.A. (Case Western Reserve University)
- Ronald Dayle Frazier, Cumberland
B.S.
- Susan Anne Gallagher, Sandusky
B.S. (Notre Dame College)
- James Gregory Gardner, North Lawrence
B.S. (Wheaton College)
- Mary Ellen Gerst, Caldwell
B.S. (Muskingum College)
- Robert Lee Gilliam, Seminole, Fla.
B.A. (Wright State University)
- Janet Lee Graham, Youngstown
*David Scott Grierson, Dayton
Donald Frank Hammer, Cleveland
B.A. (Case Western Reserve University)
- Bruce Lee Hammond, Toledo
B.S. (Adrian College)
- Charles Scott Harrod, Delaware
B.A. (Miami University)
- Ronald Ray Harvey, Warren
B.S. (Ohio University)
- William Clyde Helvey, Newark
B.A. (Miami University)
- *William Arthur Hensel, Columbus
Jeffrey Richard Hoodin, Niles
B.S. (Ohio University)
- Connie Sue Horn, Lynchburg
B.S. (Union College)
- Gregory James Hummer, Cleveland
B.S. (University of Notre Dame)
- Gregory Allan Hussa, Cincinnati
Rebecca Dorothy Jackson, Columbus
B.S.
- Martin David Jendrisak, Silver Lake
B.S. (University of Akron)
- Ivan Tadashi Kanno, South Euclid
David Laurence Kauffman, Marshalville
B.S. (Akron University)
- James Patrick Kessler, Columbus
B.S.
- Richard Marion King, Charleston, W. Va.
B.S. (Bluefield State College);
M.S. (Cleveland State University)
- Robert Leslie Kleinman, Mayfield Heights
A.B. (Miami University)
- Linda Jane Knapp, Parma
B.S. (John Carroll University)
- James Arthur Knupp, Lima
B.S.
- George Alexander Koestner, Columbus
B.A. (Oberlin College)
- Alex Koufous, Canton
B.A.
- Steven Corey Kowaleski, Toledo
B.A. (Saint Louis University)
- David William Kozy, Toledo
B.S. (University of Toledo)
- Robert David Lacker, Hamilton
B.S.
- Richard Bryan LaFountain, Alliance
B.S. (Mount Union College)
- Nancy Louise Lammert, Shaker Heights
B.A. (College of Wooster)
- Thomas Edward Lautzenheiser, Van Wert
B.S. (Wright State University)
- Thomas Adam Lazor, Lakewood
B.A. (Valparaiso University)
- Sue Ann Leatherman, Perrysburg
B.S. (Emory University)
- Michael Louis Levin, Toledo
B.S.
- James Pearl Lewis, Dayton
M.A.; B.S. (University of Dayton)
- Jerry Joseph Lierl, Cincinnati
B.S. (Xavier University)
- Donald Eugene Long, Jr., Chagin Falls
B.S.
- *Louis Sozon Lyras, Campbell
John Dudley Malone, Garfield Heights
B.S. (Ohio Northern University)
- Stephen Michael Manier, Dayton
B.S. (Pikeville College)
- Rimas Jonas Maurukas, Elyria
B.A.
- George Walter Maxymiv, Seven Hills
Stephen Allan McClave, Columbus
B.A. (Miami University)
- Kevin Albert McKiterick, Allison Park, Pa.
B.A. (Kent State University)
- Samuel Joseph Meadema, Bay Village
B.A.
- Richard Harper Meeks, Columbus
B.S.; M.S. (Denison University)
- Peter Karl Meyer, Columbus
B.A. (Miami University)
- Mary Lynn Michels, Rocky River
B.S.
- Jeffrey William Milks, Amherst
B.A.
- Charles Dale Miller, Fremont
B.S. (Miami University)
- Ronald Lee Miller, Columbus
B.A.
- James Harold Mills, Bloomingdale
B.S. (Muskingum College)
- Richard Denison Molina, Princeton, Fla.
B.S. (Case Western Reserve University)
- Gregory Lynn Moore, Westerville
B.S.
- Marcia Lynn Mounts, Dublin
B.S. (University of Michigan)
- John Douglas Mountz, Dayton
B.S. (Wright State University);
M.S. (Michigan State University); Ph.D.
- Richard Donald Murray, Clinton
B.A. (Case Western Reserve University)
- Deborah Jane Nash, New Carlisle
B.S.
- DeMar Austin Neal, III, Lakewood
B.S. (Northwestern University)
- Richard Norman Nelson, Norton
B.S. (University of Akron)
- Victoria Nikolaidis, Massillon
R.N. (Massillon City Hospital); B.S.
- Laura Lee Norling, New Middletown
B.A. (Spring Arbor College)
- Phyllis Ann Oblander, Rocky River
Barbara Gay O'Keefe, Urbana
B.S.
- Carin Marie Olson, Athens
B.A. (Indiana University)
- Steven Gary Ostrov, Akron
A.B. (Colgate University)
- Mark William Parker, Alexandria, Va.
B.A.
- Howard Mark Pelteson, Columbus
B.S. (University of California-Berkeley)

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Paul Thomas Pennza, Euclid
B.S. (Cleveland State University)

Mark James Peters, Tipp City
B.A. (Valparaiso University)

Gregory Alan Peterson, Youngstown
B.A. (Case Western Reserve University)

Robert Edward Petras, Youngstown
B.A. (Case Western Reserve University)

Harvey James Pierce, III, Dayton
B.A. (Wabash College)

David Lee Porcelli, Cleveland
B.S. (John Carroll University)

Scott Saylor Poggai, Independence
B.A. (Miami University)

Ronald Peter Rapini, Akron
B.S. (University of Akron)

Peter Joseph Reilly, Toledo
B.S. (University of Toledo)

Mary Nauman Renner, Kettering
B.S.

Dale Edward Reno, Washington C. H.
B.S.

Christopher Allen Rice, Akron
B.S.

Ricky Edwin Ricer, Woodsfield
B.S. (Muskingum College)

Perry William Robinson, Cleveland
B.S. (Massachusetts Institute of Technology)

Steven Gale Roshon, Oetz

Toni Lynne Rossi, Ashtabula
B.S. (Kent State University)

John Francis Rotilie, Akron
B.A.

Nicholas Steve Roulakis, Campbell
B.S.

Omar Sine Salem, Toledo
B.S. (University of Toledo)

Wolfram Earl Samlowski, Columbus
B.A.

Howard Briggs Sampson, Jr., Columbus
B.S.

Jeffrey Steven Sams, Fairview Park
B.A.

Randy Alan Sansone, Westerville
B.S.

Michael Craig Schmitt, Parma Heights
B.S. (Case Western Reserve University)

Karl Joseph Schmitter, Hamilton
B.A. (Washington University)

Steven Michael Schneider, Centerville
B.S.

Stephen Charles Schreck, Hilliard
B.A.

Kathleen Ann Schroeder, Parma
B.S.

John Frederick Schwerkoske, Toledo

Allen Gene Schwisow, Maumee
B.A. (Capital University)

Charles Henry Shaw, Jr., Akron
B.S. (Duke University)

Carl Kwaangsk Shin, Willoughby
B.S. (Bowling Green State University)

Lee Thomas Simon, East Palestine
B.S.

James Gordon Sivard, Jr., Lyndhurst

Algirdas Julius Skrinska, Eastlake
B.S. (Massachusetts Institute of Technology)

Frederick Andrew Slezak, Barberton
B.S. (University of Akron)

Martha Ellen Snyder, Somerset
B.S. (Georgetown College)

Timothy Bruce Sorg, Lucasville
B.A. (Taylor University)

James Sosnowchik, Sagamore Hills
B.S.

James Thomas Spaeth, Cincinnati
B.S.

John Hughey Sprinkle, Jr., Columbus
B.S.

Robert Johnson Sprouse, Columbus
B.S.

Steven Michael Steinberg, Toledo
B.S.

Ernest Methuese Stewart, Akron
B.A. (Northwestern University)

Kevin Christopher Strait, Ashland
B.A.

Paul Lee Strausbaugh, Arcadia
B.S. (University of Michigan);
B.S. (United States Air Force Academy)

Thomas Dean Sunnenberg, Mount Healthy
B.S. (University of Cincinnati)

Dennis Michael Super, Amherst
B.S. (Ashland College)

Paul Eugene Swaney, Burton
B.S.

Leon Newton Sykes, Jr., Lakewood
B.A.

Gregory Noel Thompson, Shaker Heights
B.S. (Boston College)

Joseph Edward Thorpe, Troy

Wayne Daniel Traetow, Columbus
B.A.

Lucilius Allen Tucker, Columbus
B.S. (Wilberforce University)

Gary Robert Turner, Youngstown
B.S. (University of Notre Dame)

David Joseph Utlak, Parma
B.A. (Kenyon College)

George Richard Vandenbark, Zanesville
B.S. (Muskingum College)

Geoffrey Lynn Vaupel, Canton
B.S. (Marietta College)

William Fredric Veber, Kirtland
B.S. (Purdue University)

Andrew John Vear, Cincinnati
B.A. (St. Louis University)

John Frederick Vickers, Columbus
B.A. (Otterbein College)

Joseph Ronald Volland, Northfield
B.A. (Case Western Reserve University)
M.A.

Joseph Albert Wapenski, Parma
B.S. (University of Michigan)

Teresa Jean Warren, Wilmington
B.A. (Earlham College)

Melissa Louise Weaver, Fremont
B.S.

Karen Elaine Wells, Steubenville

Donald Freeman Westra, Jr., Columbus
B.A.

Anthony John Williamitis, Kettering
B.S. (University of Dayton)

Anthony Williams, Youngstown
B.S. (Wilberforce University)

Matthew C. Wilson, South Point
B.A.

Robert Ira Winer, Eastlake

John Warner Wolverton, Newark
B.A. (Kent State University)

Wiley Grey Woodard, Jr., Columbus
B.S. (Albany State College);
M.S. (Iowa State University)

Patricia Chee-Fang Yeung, Cincinnati
B.S.

David Lawrence Yontz, Powell
B.A. (Ohio Dominican College)

Robert Allen Young, Youngstown
B.A. (University of Michigan); M.S.

Janice Zunich, Amherst
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

One hundred eighty-four candidates

Gregory Paul Abbott, Brooklyn
Hollis Joan Allen, West Bloomfield, Mich.
Patricia Breckenridge Allen,
Beckley, W. Va.

Mary Elizabeth Anderson, Springfield
Linda Jeanne Armstrong, Toledo
Deborah Sue Baker, Dayton
Rebecca Sue Bardon, Nevada
Debra Elaine Beasley, Xenia
Jo Ann Becker, Columbus
James Allen Bell, Columbus
Kristine Dolores Bell, Ashley
Thomas Clyde Bellamy, Norwalk
B.A. (College of Wooster)

Jean Marie Bennett, Dayton
Dawn Joette Bettin, Grove City
Robert Arthur Bidwell, Columbus
Raymond Mark Bilecky, Strongsville
Susan Elizabeth Binkley, Toledo
Peggy Irene Bohland, Mansfield
Jane Ellison Bondurant, Marietta
Maria Elizabeth Bowling, Cincinnati

Teresa Hite Bryan, Sabina
Cathleen Elizabeth Buckon, Triangle, Va.
Linda Jean Butrey, Lorain
Ann Teresa Casey, Akron
Ann Marie Chambers, Tiffin
Linda Burza Childs, Columbus
James Edward Chranz, Parma
Andrew David Clark, Springfield
Ann Marie Clayton, Convoy
Rita Gottesman Clowson, Dayton
Gregory Lynn Coburn, New Boston
Amy Sue Coffey, Vandalia
Ava Lynn Cohen, New Castle, Pa.
Tina Marie Colaizzo, Carlsburg, Pa.
Cynthia Sue Collins, Galena
Laurence D. Conley, Berkeley, Calif.
Rashonna Lynn Conley, Plain City
Faith Theresa Conrad, Ravenna
Leslie Sue Conrad, Columbus
Joan Kathryn Cooley, Milan
Janet Ann Coy, Columbus
Barbara Kathleen Crabbe, Sciotoville

James Richard Cropper, Wheelersburg
Janet Ruth Dames, Cincinnati
Lu Ann Davis, Jonesboro, Tenn.
Pamela Yannayon Dean, Columbus
Catherine Mary Detamore, Columbus
Barbara J. Diedrick, Lagrange
Amy Sue Durbin, Waterville
Mary Elizabeth Dorn, Dayton
Deborah Lynne Edwards, Elyria
Barbara Ann Evers, Cincinnati
Timothy Pearson, Cuyahoga Falls
Susan Lee Fischer, Avon
Kay Marie Fizer, Oak Harbor
John Scott Fletcher, Columbus
Cynthia Maria Fodor, Waterford, Conn.
Diana Lynn Fullen, Columbus
Michael George, Columbus
Rebecca Lynn Gillespie, Columbus
Cheryl Gissentanner, Elizabeth, N. J.
Beverly Johnson Graham, Columbus
Cynthia Marie Gray, South Euclid
Deborah J. Groth, Lakewood
Donna Elaine Guigas, Parma
Rita Vinsel Guthrie, Wadsworth
Janice Lynn Hagen, Cincinnati
Wanda Lou Hannah, Cincinnati
Richard Lewis Hash, Jr., Sidney
Jacqueline Mary Hazlett, Columbus
Brenda Hutcheson Head, Sunbury
Sheryl Lynn Hedges, Prospect
Rosemary Muldowney Helt, Columbus
Maxine Henderson-Emly, Crestline
Lori Ida Hermelin, University Heights
Robert John Hibner, Coldwater
Betsy Emilie Hirsch, Cincinnati
Noreen Barbara Javonik, Fostoria
Theresa A. Kaduk, Lyndhurst
Timothy Allen Kaminski, Toledo
Gayle Ann Kasmarek, Seven Hills
David John Katterhenrich, Grove City
Kathy Lynne Keck, New Carlisle
Lila Marie Khoury, Lakewood
Diane Marie Klingemier, Leavittsburg
Robert Stanley Koch, Cincinnati
John Andrew Kozak, Toledo
Nancy Lynn Panaro Kozak, Cincinnati
Cynthia Marie Kramer, Cleveland
Joyce Marie Krantz, Dover
Hollie Ann Kreindler, Cincinnati
Deborah Jean Kuhl, Hudson
Cynthia Jo Lampe, Tiffin
Sharon Lee Lane, Zanesville
Valerie Rose Law, Warren
Charlotte Ann Leslie, Springfield
Terry Lynn Lewis, New Philadelphia
Jenny Elizabeth Logue, Pittsburgh, Pa.
Martha Lynn Luby, Huron
Mark Anthony Macri, Marietta Ferry
Patty Espenschied Main, Dover
Ruthann Mary Marino, Maple Heights
Kathy Marie Marshall, Cincinnati
Eric David Matchison, Sunbury
Steven James Mays, East Canton
Mark Kevin Mays, Chesapeake
Wendy Jane McCurdy, Marion
Rob J. McGoough, Piquette, Pa.
Kathleen Anne McLaughlin, Southington
Raquel Meles, South Euclid
Kathleen Anne Miller, Dayton
Barbara Elizabeth Moledor, Kent
Joyce Elaine Moore, Shreve
Marianne Morando, Columbus
Thomas Wilbur Morgan, Chillicothe
Steve Michael Moskowitz, Akron
Judith A. Murphy, Marion
Timothy Charles Murphy, Poland
Cynthia Ellen Nadelson,
Brightwaters, N. Y.
Kathleen Ann Nusekabel, Cincinnati
Katherine Barnhart O'Brien, Delaware
Crystal Jane Overholt, Piquette
Amy Jean Palaheris, New Richmond
Kathryn Ann Payne, Independence
Geoffrey Alan Peistrun, Columbus
Debra Elizabeth Pelella, Newburgh, N. Y.
Larry Louis Phillips, West Jefferson
Mary Jo Poeppelman, Versailles

Susan Jane Radcliff, Columbus
Paul Franklin Ramsey, Bethel Park, Pa.
Gail Rawlings, Columbus
Dolores Jeanne Reeder, Massillon
Barbara Ann Reichenbach, Bluffton
Sallee Gene Renswick, Medina
Carol Jeanne Ritter, Perrysburg
Gwen Roberts, Haddon Heights, N. J.
Janet Elaine Rogers, Columbus
Ann Marie Romick, Parma Heights
Kathryn Church Root, Jefferson
Margaret Ann Rose, Columbus
David Charles Ross, Warren
Shawn Rowan, Columbus
Jeffrey Lee Rowe, Columbus
Susan Lillian Sadlek, Parma
Raymond G. Sammartino, Youngstown
Richard Lee Scherbarth, Columbus
B.S.

Ann Louise Schreck, Hilliard
John Andrew Schuler, Kettering
Matthew Arthur Schultz, Tiffin
Anita Debra Seaman, South Euclid
Barbara Marie Shelby, Columbus
Cheryl Susan Shellenbarger, Columbus
Holly Ann Sheppard, Worthington
Rebecca Lynn Short, Bryan
Pamela Marie Sovich, Lyndhurst
Beth Ann Springer, Dover
Marilyn Jacoby Steedman, Columbus
Mitchell Lynn Stillberger, Sycamore
Beth Elaine Taylor, Killbuck
Katharine Ann Theiss, Worthington
Terri Johnson Traucht, Urbana
Deborah Vanell,sylvania
Diana Louise Wade, Newark
Margaret Jo Wadlington, Eaton
Timothy Walsh, Lakewood
Barbara Joyce Weaver, Quincy
Kathryn Sue Weber, Ottawa
Carol Ann Weinhardt, Grove City
Ellen Marie Wellmeier, Dayton
Catherine Ann White, Columbus
Darlene Sue Winters, Dayton
Donna K. Wolke, Ottawa
Kimberly Sue Wumer, Toledo
Gregory Mark Zath, Brooklyn

Certificate of Nurse Anesthetist

Four candidates

Kenneth Alan Creps, Columbus
B.S. Nursing (Wright State University)
Sunny Sue Smith, Columbus
R.N. (Aultman Hospital School of
Nursing, Canton)
Patricia Marie Studebaker, Mt. Sterling
R.N. (Good Samaritan Hospital School
of Nursing, Dayton)
Eileen Yamakaki, Columbus
A.S. Nursing (Cuyahoga Community
College)

Certificate of Post Baccalaureate Circulation Technologist

One candidate

Timothy Allen Lein, Columbus
B.A. (Miami University)

Certificate of Post Baccalaureate Medical Technologist

Six candidates

Michele Morgan Grady, Columbus
B.S. (Wright State University)
Regina Adele Koch, Oxford
A.B. (College of Mount Saint Joseph on
the Ohio)
Kenneth Lee Smith, Columbus
B.S.Ed., M.A.
Debra Allison Woods, Columbus
B.S.Agr.
Jennifer Chi Wu, Mayfield Heights
B.S. (National Taiwan University)
Jenniss Lee Zimmerman, Columbus
B.S.

School of Nursing

Bachelor of Science in Nursing

One hundred and forty-nine candidates

Grace Dicken Adams, Montpelier
Susan Helene Adler, Toledo
Kim Susan Alexander, Chagrin Falls
Sandra Jaye Andreini, Oakdale, Pa.
Bonnie Lou Ayers, Zanesville
Teresa Elaine Bechdolt, Harrod
Yvonne Pizzuro Behrendt, Columbus
Kathleen Carol Binzel, Washington C. H.
Gina Mary Bletso, Kent
Lisa M. Bohl, Columbus
Karyn Cecelia Boltz, Sidney
Deborah Ann Bosack, Toledo
Mary Ann Brassfield, Wilmington, N. C.
Lisa Ann Briggs, Upper Arlington
Darcy Marie Browne, Centerville
Victoria Ann Bruzese, Columbus
Debra Lynn Butler, Cincinnati
Diane Elizabeth Butts, Columbus
Maria Antonietta Canestraro, Willowick
Angela Maria Castello, Fairport Harbor
Nancy Arndt Cencula, Columbus
Nancy Lee Chambers, Columbus
Rise Jean Christian, Convey
Mary Margaret Condron, Kettering
Martha Toelle Conti, Columbus
Carolyn Corry, Sandusky
Jennifer Ann Cover, Homeworth
Karen Michele Curtis, Baltimore, Md.
Susan Elaine Davis, St. Clairsville
Catherine Anne Dean, Columbus
Donna Kay Dempsey, Williamson, W. Va.
Melody Ann Dickinson, Cuyahoga Falls
Judith Marie Donley, Boston Heights
Patricia Rothenburger Doyle, Columbus
Jennifer Camp Dresbach, Chillicothe
Diana Kay Dunn, Wilmington
Dennis Mowder Egan, Cuyahoga Falls
Loretta Anne Fantozzi, Eastlake
Cynthia Lynne Farley, Milford
Cynthia Ruth Fauser, Lakewood
Patricia Anne Felter, Shelby
Maribeth Schroeder Ferrante, Columbus
Lauralyn Clements Finley, Gahanna
Brenda Gail Finnium, Gallipolis
Helen Carole Fischbach, Reynoldsburg
Susan Jane Fisher, Columbus
Jenny Arlene Freeman, Butler
Joan Carol Gallagher, Lyndhurst
Candace Lou Geshwilm, Westerville
Barbara Ann Giles, New Philadelphia
Susan Hazel Gregg, Perrysburg
Sharon Kay Groves, St. Clairsville
Anne Elizabeth Gydosch, Westlake
Margaret Mary Hackman,
University Heights
Lisa Jane Halter, Bay Village
Sandra Ellen Hample, Kettering
Carol Lynn Harner, New Washington

Connie Lou Harrison, Wayne
 Debra Sue Headlee, Columbus
 Joan Lee Heinlein, Columbus
 Jill Andrea Heiny, Washington C. H.
 Debbie Lu Herrmann, Portsmouth
 Carol Ann Hiltbrand, Northfield
 Kathryn Lynn Hoffer, Cambridge
 Donna Marie Hummel, Austinburg
 Sally Ann Huss, Wintersville
 Karen Ann Hyer, Dayton
 Nancy Marie Jablonski, Chagrin Falls
 Christine Marie Johnson, Fredericktown
 Cheryl Helene Joseph, Columbus
 Maureen Ann Kane, Cleveland
 Barbara Pettay Kanoski, Cadiz
 Patricia Ann Karkalik, Akron
 Debra Ann Karl, Tiro
 Willow Cunningham Kauffman, Bedford
 Cynthia Marie Ketterer, Hamilton
 Kathleen A. Klass, Canton
 Kathleen Louise Knecht, Jeffersonville
 Terttu Kyllikki Korpela, Columbus
 Dianne Celeste Kulasa, Elyria
 Carol Ann Lang, Portsmouth
 Belinda Jo Lehman, Lima
 Lorie Jill Lerner, Columbus
 Diane Marie Levesque, Cuyahoga Falls
 Ann Ruth Livingston, Cleveland
 Lorraine Cozette Long, Avon Lake
 Susan Ellen Longo, Westerville
 John Porter Lymanstall, Defiance
 Becky Sue McClellan, Akron
 Marcie Ann Manson, Massillon
 Victoria Jean Marland, Parma Heights
 Cynthia Sue Maurice, Orwell
 Mary Ann Meabon, Westlake
 Kristen Carey Meade, Cincinnati
 Sharon Ann Meltzer, Jackson
 Debra Ann Meyer, Wooster
 Patricia Ann Miller, Centerville
 Deborah Lee Mitchell, Akron
 Kimberly Lynn Moellenberg, Sylvania
 Johanna Frances Mokros, Bellaire
 Gayle Monroe, Madison
 Carol Anne Moore, Waverly
 Robyn Kay Morrison, Coshocton
 Melinda Ann Mowery, Mansfield
 Leslie Gail Mussen, Powell
 Christine Walker Nelson, Parma Heights
 Janis Lynn Newell, New Plymouth
 Sharon Poling Nicol, Columbus
 Nancy Lynn Oesch, Shelby
 Lisa Gaye Ohler, Barnhill
 Carol Ann Ondracek, Aurora
 Susan Janet Osterhout, Berea
 Jane Kaufman Payne, Columbus
 Toni Lynn Pegg, Barnesville
 Sandra Kaye Perrine, Defiance
 Janice Plunkett Potts, Columbus
 Jill Belock Redman, Cincinnati
 Christine Lee Riczo, Parma
 Portia Cheek Rodu, Fairborn
 Teresa Holley Rudd, Akron
 Diane Lynn Russell, Jamestown
 Carole Ann Russell, Burton
 Janette Lynn Santopadre, Columbus
 Nancy Lynn Schlegel, Mansfield
 Diana Jean Schuler, Columbus
 Joyce Brown Scibilia, Brunswick
 Robin Swantack Scott, Cincinnati
 Lynn Adele Sellers, Springfield
 Pamela Lynn Shellhouse, Sycamore
 Phyllis Ann Shook, Englewood
 Norma Gustke Short, Cooville
 Katherine Leonore Snyder, Olmsted Falls
 Jean Marian Solomon, Cleveland
 Anne Doyle Stein, Akron
 Charmaine Marcum Stemple, Springfield
 Jerome Elliot Tetelman, Cleveland
 Pamela Kay Thomas, Massillon
 Mary Miller Thompson, Portsmouth
 Denise Lynn Tilberry, Bowling Green
 Elisabeth Boice VanGundy, Lancaster
 Barbara Peterson Vecchiarelli, Columbus
 Peggy Anne Wagner, Cincinnati
 Diana Marie Weinheimer, Loveland
 Barbara Elaine Westercamp, Monroe
 Jonna Lee Widowsen, Columbus

Joy Ellen Williams, New Waterford
 Carol Jean Wilson, Fairview Park
 Lisa Agnes Zaidain, Dayton
 Patricia Shaun Zimmer, Zanesville

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Fifty-six candidates

Clayton Manning Anderson, Jr.,
 Charleroi, Pa.
 B.S. (California State College)
 Harry Franklin Anderson,
 St. Albans, W. Va.
 Gary James Andrasko, Columbus
 Christian Keen Benner, Bainbridge
 Susan Ellen Benson, Elyria
 B.S. (University of Wisconsin)
 Franklin M. Bickle, Newark
 Terry L. Bolen, Newark
 B.S. (Ohio University)
 William Bradley, Bryan
 B.S.
 David P. Bucurel, Canfield
 B.A. (Ohio Wesleyan University)
 Jeff L. Chandler, Cincinnati
 Richard E. Cheney, Jr., Lima
 B.S.
 Steven Charles Connett, Dayton
 B.S.
 Douglas Raymond Cox, Cincinnati
 Frank Mikel Davis, Fairfield
 Laraine Marie Davis, Jackson
 B.S.
 Mark Warren Denman, Zanesville
 James A. Dickey, Miamisburg
 B.S. (Georgetown College)
 D. Michael Dopkiss, St. Clairsville
 Martin Gary Ellis, Warren
 David Andrew Erwin, Coshocton
 B.S.
 Jody Scott Foor, Breezewood, Pa.
 B.A. (Pennsylvania State University)
 Stephen Roger Gardner, Cincinnati
 B.B.A. (University of Notre Dame)
 Robert Laurie Raymond Gazdeck,
 Garfield Heights
 B.A. (Southern Illinois University)
 Anthony R. Horstman, Dayton
 Douglas Alan Huff, Painesville
 Jan Charles Huneke, Eaton
 Margaret L. Kehoe, Shelby
 Richard William Kerr, Shelby
 M. Dean Kiesling, Gallipolis
 B.S. (Ohio University)
 Darrell Lynn Laughlin, Gnadenhutten
 B.S.

Ronald W. Y. Ling, Honolulu, Hawaii
 William Glenn MacDonald, Wilmington
 William Russell Martin, Dayton
 Robert Nelson McLearn, Greenville
 B.S.
 John Ronald Miksch, Bellefontaine
 B.S.
 Tommy Joe Miller, Lodi
 B.S. (Otterbein College)
 John Matthew Nametz, Manchester, Mich.
 B.A. (Olivet College)
 Joseph Stephen Newell, Bryan
 B.A.
 *Denise Ann Remy, Portsmouth
 B.S.
 Ernest James Robinson, Akron
 William Robert Roscoe, Sharpsville, Pa.
 B.S., M.S. (Westminster College)
 Saliwa Saliba, Canton
 B.S.
 Jeffrey Glen Schmakel, Toledo
 Larry Keith Siders, Ashland
 William J. Skendelas, Canton
 Philip Skovira, Richfield
 Albert Christopher Snyder, Toledo
 Robert L. Sorrell, Middletown
 B.S. (Miami University)
 Paul Alan Speakman, Columbus
 Milena Stekly, Bryan
 Cindy Jeanne Stewart, Chillicothe
 Dale David Stewart, Cuyahoga Falls
 Joseph J. Thimons, Jr., Richmond, Ind.
 B.A. (Miami University)
 Richard Conrad Weaver, Xenia
 Michael James Weber, Mansfield
 Terri Ann Wolf, Williamston, Mich.

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

One hundred and twelve candidates

John Kevin Ahern, Springfield
 Donald Page Alexander, Jr., Columbus
 David Earl Amos, Cleveland
 Michelle Navratil Anderson, Mansfield
 Janet Marie Armbruster, Akron
 Michael Edward Ault, Tuscarawas
 Eva Aviv, Cleveland
 Steven Russell Babalis, Kettering
 Roger Franklin Barnhouse, Wellston
 Dennis Clifford Beaver, Circleville
 Judy Carol Beck, Norwalk
 Maria Jean Bethel, Portsmouth
 Thomas Dell Bigley, Jr., Wadsworth
 Michael Clark Bing, Barborton
 Susan Marie Blackburn, Toronto
 Benjamin Arthur Blackford, Fredericktown
 Sandra Jean Boal, Pittsburgh, Pa.
 John Frederick Brauner, Columbus

* Also Master of Science, Graduate School

Steven Clark Britton, Wadsworth
Steve Jale Carr, Piqua
Michael Edward Carroll, Columbus
B.S.
Elizabeth Ann Clark, Massillon
Mark Vincent Coberly, Canton
Timothy Brian Coffelt, Springfield
Beverly Anne Cohen, Columbus
Judith Ann Cosentino, Yorkville
Nancy Rae Cramer, Girard
Dale Alan Damoli, Brookfield
Richard D'Atri, Independence
Denise DeYampert, Cleveland Heights
James Peter DiCello, Wellsville
Richard William Dillon, Mayfield Heights
Guy Anthony DiPasqua, Youngstown
James Michael Dugan, Cincinnati
Guy (University of Cincinnati)
Michael Joseph Enright, Richmond, Va.
Henry Bryan Eymann, Lancaster
Raymond Fankell, Jr., Wheelersburg
Mary Kay Fennessy, Cincinnati
Ira Lee Feuer, Cleveland Heights
B.S. (University of Cincinnati)
Donald Brent Fissel, Van Wert
Roger Alan Fogle, Farmersville
Linda Rae Gallucci, Niles
B.S. (Youngstown State University)
Karen Gail Goldstein, University Heights
George Richard Hackett, Apple Creek
B.S. (Ohio University)
Brian Alan Hart, Columbus
Gary Brian Hasemeier, Cincinnati
Deborah Ann Heer, Columbus
Gregory Nicholas Helentjaris, Medway
Kathleen Joan Hipolit, Cincinnati
Esther Takako Hirai, Kahului, Hawaii
Eric Thomas Hola, Cleveland
Michael John Kelley, Canton
Kathleen Jean Kelliher, Columbus
Valerie Ann Kertell, Columbus
Jeffrey Guy King, Chillicothe
B.A.
Elizabeth Maria Kraker, Avon
Fredric Irwin Lapatinsky,
Cleveland Heights
Krista Leigh Lehev, Columbus
Raymond Lev, Youngstown
Robert David McClary, McDonald
Margaret McKnight-McLain,
Portales, N.M.
B.S. (Eastern New Mexico University)
Elizabeth Ellen McPherson, Baltic
Charles Richard Mercurio, II, Columbus
Elicia Ziff Miller, University Heights
Connie Marie Moosbrugger, Dayton
Alan Louis Moretlin, Independence
Karen Myra Moskowitz, Youngstown
Roman Oleh Myronowycz, Parma
Karen Patricia Naquin, Stow
Stephen Eugene Nester, Lancaster
Chrespin Weselev Noches, Jr.,
Pasadena, Calif.
Helen Osiecki, Cleveland
Kent Marshall Overholt, Jr., Warren
Gary Michael Overmeyer, Defiance
Nicholas George Puskas, Jr., Lorain
Kathleen Foster Ray, Columbus
Bernard James Renard, Toledo
Janice Kay Reynolds, Orrville
Sherrie Lynn Riley, Grove City
Marilena Rinaldi, Steubenville
Jo Ann Samartek, Canton
Kevin Allan Scheckelhoff, Ottawa
Joyce Mae Schultz, St. Marys
Susan Norling Scott, New Middletown
Rebecca Jane Shaffer, Hilliard
Cynthia Guyar Sheppard, Columbus
Marjorie Kay Shupala,
Parkersburg, W. Va.
B.A. (Wittenberg University)
Marcia Kay Singer, Canton
Craig Alan Smith, Columbus
Pamela Kay Stephens, Kent
James Roger Stevenson, Hubbard
B.S. (Youngstown State University)
Gary Nicholas Stribicki, North Royalton
B.S. (Ohio University)

Alan Robert Styles, Cleveland
Joseph Tabacchi, Adena
Karan Press Tanenbaum, Columbus
B.A. (Yeshiva University)
Mark Eugene Teeters, Wilmington
Debra Sheumaker Thrush, Mansfield
Catherine Osterhage Tibbs,
Fort Wright, Ky.
David Francis Tost, Poland
Yi Li Tou, Columbus
Diane Reichert Tribuzi, Dayton
Cheryl Davignon Turley, Dansville, N. Y.
Robert Roy Walters, Minster
Kenneth Lee Warman, Portsmouth
Mark Scott Wenzel, Lorain
Gary Lynn Werff, Lima
David Edward Wharmby, North Canton
John Clark Whittington, Columbus
Stephen Bruce Wilson, Chesapeake
Roberta Woodlock, Girard
Elizabeth McClure Zola, Cincinnati
Maryann Louise Zupancic, Euclid

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Thirty-one candidates

Teresa Elizabeth Aveni, Lyndhurst
Dolores Renfro Baroway, Irvington, N. J.
Janet Lynn Bensman, Tonawanda, N. Y.
Constance Diane Chrisman, Worthington
Luann Cooperrider, Thornville
Jane Ellen Croy, Kenton
Edward Israel D'Angelo, Columbus
Sheryl Ann Dickey, Portsmouth
Rita Jean Donley, Columbus
Rebecca Ellen Essex, Milford
Kathryn Joann Eyler, Eaton
Gail Marie Ignatz, Elyria
Suzanne Torbert Innes, Columbus
Theresa Denise Jackson, Columbus
Susan Michelle Lord, Bowling Green
Robert Leslie MacNabb, Columbus
James William Meena, Circleville
Elaine Eldred Merwin, Columbus
Martin Joseph Mitchell, Columbus
Laura Beth Okun, Toledo
Jeffrey Ray Pinyerd, Mt. Gilead
Charlotte Louise Rittenberger, Kettering
Denise J. Robinson, Cincinnati
Pamela Kay Shaffer, Tallmadge
Danielle Sue Sorkin, Cleveland Heights
Elizabeth Anne Stein, Columbus
Donald Craig Wallace, Portsmouth
Mary Lee Yonk, Grove City
Erin Elisabeth Young, Columbus
Robin Gayle Zepht, Rocky River

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

One hundred and thirty-two candidates

Paul Little Beaver Adkins,
Providence Forge, Va.
B.S. (Virginia Polytechnic Institute and
State University)

Mark Lee Applebaum, Cincinnati
A.B. (Washington University)

Susan Rae Baer, Youngstown
B.S.

Michael Brent Ballinger, LaRue
B.S. (United States Air Force Academy)

David Milton Batteiger, Columbus
B.S.Agr.

Ellen Lynn Beard, Hillsboro, W. Va.

Rupert Henry Beckstett, Delaware

Robert Hammill Bende, Medford, N. J.
B.S.Agr.

Barry Coulter Betts, Barnesville

Kenneth Lynn Blanchard, Danville
B.S.Agr.

William Eugene Bolinger, Beverly

Allan Edward Boster, Gallipolis
B.S.Agr.

Dan Harris Bremer, Middletown
B.A. (Otterbein College)

Theresa Anne Brim, Findlay
B.S.Agr.

Peter Ross Brody, Elyria
B.S.Agr.

Lee Alan Bruey, Lisbon
B.S.Agr.

Joanne Buehner, Wickliffe
B.S.Agr.

Cheryl Ann Caputo, Solon
B.S.Agr.

Paul Edward Clemens, Chagrin Falls

Mary Ann Crawford, Galloway
B.S. (University of Dayton)

Charles Andrew Curie, Jefferson

Maurice Hamilton Docton, Xenia
B.S. (United States Naval Academy)

James Richard Donaldson, Columbus
B.S.

Hugh Delno Dresbach, Circleville
B.S.Agr.

Barry Stuart Eisenkraft, Columbus
B.S.

Ronald Dean Elliott, West Mansfield
B.S.Agr.

Katharine Krieger Evans, Wooster
B.S. (Virginia Polytechnic Institute)

Beverly Anne Evert, Cincinnati
B.S. (University of Cincinnati)

Ronald Stanley Eydeloth, Baltimore, Md.
B.S. (University of Maryland)

Charles Alexis Fammatre, Dublin
B.S. (California State Polytechnic
College); M.S.

Craig Douglas Felton, Grafton
A.B. (Lorraine County Community
College); B.S. (Ashland College)

Robert Martin Flesher, Troy, W. Va.
B.S. (West Virginia State University)

Philip Robert Fox, Dumont, N. J.
B.S. (Marietta College); M.S.

Denise Marian Fuciu, North Canton
B.S.Agr.

Robert Dewey Gano, Wilmington

Brent Kevin Garrison, Wintersville

- Ted Alan Gerber, Dalton
B.S.Agr.
- Jimmie Jay Golden, Paducah, Ky.
Cheryl Lynn Gratson, Columbus
B.A. (Ohio University)
- Holly Lynne Grubbs, Berea
B.S. (Cleveland State University)
- John Earl Gruss, Tiffin
B.S.Agr., M.S.
- Kathleen Williams Gruss, Akron
B.S.Agr.
- John Philip Gustafson, Keyser, W. Va.
- James Phillips Hannigan, Louisville, Ky.
- Mitzi Trevathan Hargrove, Paducah, Ky.
A.Sc. (University of Kentucky)
- Steven Herman Harman, Keyser, W. Va.
- Timothy Adrian Henehan, Columbus
B.S. (University of Dayton)
- Genay Elizabeth Hess, Shelby
A.B. (Ashland University)
- Benedict Lewis Heydinger,
New Washington
B.S.Agr.
- Stephen Edward Hickman, Columbus
B.S. (Springfield College)
- Cheryl Bang Holman, Cincinnati
B.S.Agr.
- Terrence Lee Holman, West Alexandria
B.S.Agr.
- Charles Scott Hosket, Yellow Springs
B.S.Agr.
- Bill David Imperial, Reynoldsburg
B.S. (Bowling Green State University)
- Raymond Douglas Jerge, Gahanna
B.S.
- David Wallace Jones, Bowling Green, Ky.
- Carl Erik William Juul-Nielsen,
Charlottesville, Va.
B.S. (Virginia Polytechnic Institute)
- Ira Charles Kaplan, Cincinnati
B.S.Agr., M.S.
- Harold Manley Kemp, Belmont
B.S.Agr.
- Joseph A. Kincaid, Jr., Blacksburg, Va.
B.A. (Hampden-Sydney College)
- Dana Christopher King, Springfield
- Kenneth Edward Kobalka, Cleveland
- Christine Kelly Kofron, Cuyahoga Falls
- Sheila Scott Kondik, Columbus
B.S.
- David Allen Krakowski, West Lake
B.S. (Muskingum College)
- Linda Jo Krotje, Newton, N. J.
B.S.Agr.
- Barbara Ann Kummel, Hyatts, Md.
B.S. (University of Maryland)
- Edmund Kenwood LeGrand, Raleigh, N. C.
B.S. (North Carolina State University)
- Albert Henry Lewandowski, Cleveland
B.S.
- James F. Link, Rossburg
B.S.Agr.
- Marcia Ann Locke, Springfield
- Kenneth Martin Malin, Ashtabula
B.A., M.S. (Kent State University)
- Don Richard Mann, Wapakoneta
- Michael Eugene Marmesh, Miami, Fla.
- Mark Lane Martin, Perrysburg
B.S. (Bowling Green State University)
- James Gregory Mathias, Findlay
- Timothy Matthew Matlock, Mantua
B.S.Agr.
- Susan Jane Matre, Cincinnati
B.S.
- Joel Ernest Melin, Ashtabula
B.A. (Ohio Northern University)
- Suzanne Kay Miller, Troy
B.S. (Bowling Green State University)
- Thomas Lee Miller, Mt. Blanchard
B.S. (Findlay College)
- *Karl Bryant Milliren, Cuyahoga Falls
- Frederick Charles Mohr, Dover, N. H.
B.S. (Tufts University)
- Michael Anthony Mohr, Cleveland
B.S.
- Martha Vaughan Mooney, Mt. Gilead
B.S. (Malone College)
- Catherine Diane Morabito, Euclid
- Keith Alan Murrell, Miamisburg
- William Joseph Otto, Cincinnati
B.S.Agr.
- Clifford Owen, Dayton
B.S. (California Polytechnic Institute);
M.S. (University of Denver)
- Randall T. Peel, Chipley, Fla.
- William Howard Pettit, Jr.,
Juliestown, N. J.
B.S. (University of New Hampshire)
- Robert Harry Poinsett,
Bradley Beach, N. J.
B.S. (Delaware Valley College)
- Bruce Scott Poland, Winston-Salem, N. C.
B.S. (North Carolina State University)
- Susan Elaine Pontius, Toledo
- William Gregory Queen, Louisville, Ky.
- Peggy Sarver Quilliam, Columbus
B.S. (West Virginia University)
- Machelle Marie Radecky, Parma
B.S. (University of Notre Dame)
- Mary Kathryn Reinhard, Dublin
B.S.Agr., M.S.
- Lawrence Mark Richard, Bergenfield, N. J.
B.A. (College of Wooster)
- Warren Lewis Riggie, New Concord
B.A. (Rutgers University)
- William M. Rosolowsky, Elyria
- Bradley Larson Rutledge, Northfield
- James Edward Sanders, Columbus
B.S., M.S.
- Ray Harold Saviers, Tallmadge
B.S.Agr.
- Marc Leonard Schmidt, Cincinnati
B.S.Agr.
- Morton T. Schmidt, Jr., Portsmouth, N. H.
B.A. (University of New Hampshire)
- Katherine Sue Settle, Sanford, N. C.
B.S. (University of North Carolina)
- Robyn Welles Sheehan, Medway
- Sonjia Merle Shelly, Willshire
B.S. (Ashland College)
- John Franklin Shontz, Columbus
B.S.Agr.
- William Keith Sigler, Akron
- Norman Randolph Simpson, Columbus
B.S.
- Allen Franklin Sisson, Charleston, W. Va.
- Michael Joseph Skiver, Columbus
B.S.Agr., M.S.
- Kathleen Jarosz Smith, Columbus
B.S.Agr.
- Thomas Lawrence Smith, Loveland
B.S.Agr.
- Anthony John Stachowski, Mantua
- George Glenn Stokes, Lancaster
- Paul Charles Stromberg, Columbus
B.S., Ph.D.
- Jay Henry Summitt, Shelbyville, Tenn.
- Craig S. Talbott, Columbus
- George Edward Thomas, Wheaton, Md.
- Linda Lee Thomas, Burns, Tenn.
- Richard Campbell Tully, Elkhorn, Wis.
B.A. (Allegheny College); M.A. (Bowling
Green State University)
- Michael Edward Turley, Columbus
- Sandra Owens Uarich, Martins Ferry
B.S. (Wheeling College)
- Lucinda M. Vogtsberger, Columbus
B.A., M.A. (Miami University)
- Rogely Alta Waite, Norwalk
A.B. (Oberlin College)
- Maxe Lee Wellman, Cincinnati
B.S.Agr.
- Carolyn Rose Woodruff,
Black River Falls, Wis.
- Jay William Zachman, Cincinnati
B.S.Agr.
- Paul Bradford Zubowsky, Columbus

* Also Bachelor of Science in Agriculture, College of
College of Agriculture and Home Economics

GRADUATES WITH HONORS

Summa Cum Laude

Susan Helene Adler, Toledo
 Kim Susan Alexander, Chagrin Falls
 Randy Lee Bailey, Marion
 Daniel Scott Barger, Valley City
 Jeffrey Lee Barley, Toledo
 Delores Renfro Baroway, Irvington, N. J.
 Martin Howard Beerman, Dayton
 Paul Gerald Bettenhausen, Jr., Eatontown, N. J.
 Sandra Jean Boal, Pittsburgh, Pa.
 Debra Morgan Brandenstein, Miamisburg
 Douglas Thacher Brown, Chillicothe
 Kimberley Sue Brown, Kettering
 Thomas Hastings Burkey, Youngstown
 Ruth Schmidt Burns, Wooster
 Angela Maria Castello, Fairport Harbor
 Michael Allen Caudy, Columbus
 Barbara Arps Churchill, Delta
 Ann Marie Clayton, Convoy
 Anita Jane Coen, Massillon
 William C. Colley, III, West Chester
 James Kraft Conkle, Marion
 John Watson Cook, III, Columbus
 Andrew Arthur Cosner, Barboursville, W. Va.
 Thomas Benjamin Crane, Worthington
 Patricia A. Craiglow, Louisville
 Danny Lynn Cunningham, Sardis
 Mark Wesley Davis, Columbus
 Lauren Jean Douglas, Worthington
 Hans Daniel Dreyer, Columbus
 David Ned Dunbar, Mt. Blanchard
 Daniel Eugene Ebert, Cardington
 Donald Stanley Eydelloth, Baltimore, Md.
 Gary Allan Fisher, Gratiot
 Jody Scott Foor, Breezewood, Pa.
 Mary Karen Bennett Fortman, Columbus
 David Lee Furniss, Upper Sandusky
 Cynthia Marie Gaborick, Parma
 Frederick Steven Glover, Chillicothe
 Jody Laraine Grenga, Youngstown
 Marvin Lee Grieve, Jr., Medina
 Phillip John Halley, Huron
 James Philips Hannigan, Louisville, Ky.
 Brenda Hutchenson Head, Sunbury
 Joseph Francis Hook, Crestline
 Marie Starr Howard, Rockford, Ill.
 Gail Marie Ignatz, Elyria
 David James Jasko, Avon Lake
 Janice Arden Judge, Sylvania
 Diane Marie Klingemier, Leavittsburg
 Suzanne Miller Koestner, Fort Worth, Tex.
 Joyce Josephine Kubit, Parma Heights
 Joseph Michael Kunkle, Toledo
 Amy Louise La Civita, Oxon Hill, Md.
 Mark Allan Lamontia, Brecksville
 Edward Jay Levine, Columbus
 James Pearl Lewis, Dayton
 Lorraine Cozette Long, Avon Lake
 Dorothy Lynn Mac Ewan, Columbus
 David Elwyn Markle, Columbus
 Mark Steven Marinik, Lorain
 Philip Alan Marnecheck, Seven Hills
 Margaret McKnight McLain, Portales, N. Mex.
 James William Meena, Circleville
 Nicholas P. Mellon, Akron
 Kay Lee Metzner, Dayton
 Timothy Paul Miller, Chardon
 Carolyn Miu Milligan, Mansfield

David Paul Miraldi, Amherst
 Susan Langstaff Monfort, Lima
 Randall Edwin Moore, Columbus
 Phyllis Lehnhart Mueller, Mansfield
 John Alfred Nachtigall, Berea
 William Joseph Otto, Cincinnati
 Pamela Sue Palmer, Fredericktown
 Mark Roy Patterson, Dover
 Bradley Ashley Payne, Lucas
 Brian Ashby Payne, Lucas
 Ian Marshall Petroff, Willowdale, Ont., Canada
 Jeffrey Dean Pitts, New Philadelphia
 Mary Jo Poeppelman, Versailles
 Deborah Sue Pulse, Hillsboro
 Pamela Truman Raabe, Delphos
 Denise Ann Remy, Portsmouth
 Bradley Jay Richards, New Washington
 Kathryn Church Root, Jefferson
 Kristofer Gibson Sandlund, Columbus
 Denise Lynn Sands, Hebron
 Donald Ray Savage, Jr., Columbus
 Kurt Alan Schlegel, Shreve
 Elizabeth Ann Schmermund, Greenville
 Donald John Scott, Richmond Heights
 John Richard Scuba, Toledo
 *Dale Phillip Shallow, Cleveland
 Joseph Daniel Smisko, Wadsworth
 Jerome Glenn Solove, Westerville
 Martin Kurt Stavenhagen, Saratoga Springs, N. Y.
 Elizabeth Anne Stein, Columbus
 Christine J. Renner Stewart, Zanesville
 Deborah Anne Stez, Fremont
 Dean James Storer, North Olmsted
 Todd Shawn Swatsler, Lima
 David Alan Swift, Piqua
 Beth Elaine Taylor, Killbuck
 Jan Hexamer Tepe, Canton
 Richard Lee Thomas, Cincinnati
 Marilyn Beachy Troyer, Plain City
 Richard George Ueltsch, Columbus
 Hendrick Vandermeulen, Cleveland
 Anne Marie Waugaman, Brunswick
 Robert Arnold Weible, Dover
 Kathleen Jeanne Welch, Worthington
 Maxey Lee Wellman, Cincinnati
 Margaret Ann Wiesheier, Akron
 Terri Ann Wolf, Williamstown, Mich.
 John Charles Wood, New Concord
 Mark Nelson Woyar, Broadview Heights
 Carol Ann Zari, Reynoldsburg

Summa cum laude with distinction in
 Agricultural Economics

Ann Susan Huling, Westerville
 Lova Bernice Kemp, Bethesda

Summa cum laude with distinction in
 Agricultural Engineering

Terry Lee Stamper, Mansfield

Summa cum laude with distinction in
 Agronomy

Margaret Ann Gillette, Perryburg

Summa cum laude with distinction in
 Economics with honors in the Liberal Arts

Alice Bernadette Noonan, Delphos

Summa cum laude with distinction in
 Food Technology

Elizabeth Linn Briner, Columbus

Summa cum laude with distinction in
 German with honors in the Liberal Arts

Susan M. Toeniskoetter, Columbus

Summa cum laude with distinction in
 English with honors in the Liberal Arts

William Edward O'Neil, Columbus

Summa cum laude with distinction in
 History

Michael Joseph Rourke, Columbus

Summa cum laude with distinction in
 Horticulture

Ruth Pauly, Cincinnati

Summa cum laude with distinction in
 Psychology with honors in the Liberal Arts

Lizabeth Wood Galganowicz,
 Columbus

Summa cum laude with honors in the
 Liberal Arts

Steven Howard Emerman, Columbus
 Bruce David Lucas, Canton
 Gail Kay Mitchell, Springfield
 David Wheaton Priestly, Columbus
 James T. Vradelis, Dayton
 Suna Elizabeth Woods, Chillicothe

Cum Laude

John Kevin Ahern, Springfield
 Lorraine Marie Albert, Canton
 John Alan Aldrich, Lagrange
 Sherie Dee Anderson, Columbus
 Paul Henry Bailey, Youngstown
 Pamela Sievert Baker, Elyria
 Wanda Elizabeth Baltes, Tiffin
 Donald Alec Barany, Portsmouth
 Robert Willis Barnett, Avon
 Jeffrey Lee Bartlett, Macedonia
 Chester John Barylak, Wintersville
 Scott Zeth Bassoff, Great Neck, N. Y.
 Teresa Elaine Bechdolt, Harrod
 Diane Elizabeth Belfiglio, North Canton
 Mary Ann Benecke, Napoleon
 Randall Paul Bennett, Columbus
 Constance Ann Benson, Columbus
 Debra Lyn Beran, Middleburg Heights
 Marc Alan Bernstein, Warren
 Mark Anthony Betz, Wellsville
 Susan Elizabeth Binkley, Toledo
 Kathy Paxton Birch, McDonald
 Joy Faith Bishop, Columbus
 Jeffrey Black, Toledo
 Karyn Cecelia Boltz, Sidney
 Carol Ann Bonini, Cincinnati
 Deborah Ann Bosack, Toledo
 Steven Jay Bowsgier, Grove City
 Gary Lee Brannick, Springfield
 Theresa Anne Brim, Findlay
 Linda Mae Broast, Barrington, Ill.
 Kay Wetzel Brown, Worthington
 Darcy Marie Browne, Centerville
 Neil Allen Brumback, Lorain
 Jeffrey Allen Buchs, Amherst
 Luanne Carlton, Columbus

*December 1977 Graduate

Georganne Heather Carpenter, Lancaster
 Kathleen Jo Casey, Columbus
 Sherri Jean Cato, Dayton
 Linita Cean, Santiago, Dominican Republic
 Marcia Chenevey, Apple Creek
 H. Marie Children, Columbus
 Robert Michael Citino, Cleveland
 Elizabeth Ann Clark, Massillon
 John Robert Clawson, Columbus
 Lynn Marie Cleary, Youngstown
 Kathleen Coffman, Columbus
 Gregory Bigham Comfort, Columbus
 George Jeffrey Comstock, Warren
 Laurence David Conley, Berkeley, Calif.
 Daniel Mark Coombs, Centerville
 Janet Ann Coy, Columbus
 Maria Sue Cunningham, Columbus
 Jane Marie Daetwyler, Clarington
 Richard Smith Damon, Columbus
 Patricia L. Davis, Brookville
 Ann Louise De Weese, Sidney
 Ingrid Mary Diederens, Granville
 Thomas Stephen Dietrich, Alliance
 Ann DiPangrazio, Columbus
 Cheryl Jane Dolin, Fairlawn, N. J.
 David Larsen Donnell, Bowling Green
 Paul Michael Dorinsky, Columbus
 Charles Acie Dotson, Shelby
 Thomas Edward Doyle, Columbus
 James Michael Dugan, Cincinnati
 Nicholas Ecos, Tiffin
 Pamela Jane Edmonds, Delaware
 Barry Allan Efron, University Heights
 Gregory Gerard Elchert, New Riegel
 Ronald Dean Elliott, West Mansfield
 Sharon Salt Esswein, Columbus
 Sheila Marie Fagan, Columbus
 Alan Lee Fahndrich, Columbus
 Patricia Jean Ferreri, South Euclid
 Charles Paul Ferroni, Hayesville
 Helen Carole Fischbach, Reynoldsburg
 Ronald Allen Fish, Columbus
 Carolyn Jean Fisher, New Vienna
 James Timothy Fisher, Columbus
 Pamela Susan Fisher, Canton
 Roger Alan Fogle, Farmersville
 Michael Albert Franchek, Imperial, Pa.
 Warren Nathan Frank, Cleveland
 David Lee Furniss, Upper Sandusky
 Linda Rae Gallucci, Niles
 Patsy Gentilcore, Jr., Niles
 Ted Alan Gerber, Dalton
 Cheryl Jean Gibbs, Gahanna
 Gwendolyn Estep Gibson, Mansfield
 Charles Robert Giesiege, Holgate
 David Michael Gloger, Shaker Heights
 Patrick Leland Graham, Xenia
 Heather Jean Gregory, Columbus
 David Scott Grierson, Dayton
 Jeffrey Wayne Grimm, Richmond
 Rita Vinsel Guthrie, Wadsworth
 Carol Pierce Harkness, Columbus
 Joan Lee Heinlein, Columbus
 Susan Edith Heller, Columbus
 Timothy Adrian Henahan, Columbus
 William Arthur Hensel, Columbus
 Benedict Lewis Heydinger, New Washington
 Dale William Hiltner, Dover
 Mark Charles Hiser, Westerville
 Scott Louis Hoersten, Sidney
 Cheryl Anne Hohenstein, Kettering
 John Marc Holser, Galion
 Douglas Alan Huff, Painesville
 Deborah Ann Jessee, Miamisburg
 Carol Anne Jewrem, Columbus
 Karen Christine Johnson, Worthington
 David Wallace Jones, Bowling Green, Ky.
 William Robert Kaye, Worthington
 Maureen L. Kelley, Columbus
 Judith Diane Kemp, Gallipolis
 Charles Louis Kimberly, Akron
 Barbara Ellen Kindel, Norton
 Todd Wilson Knapp, Danbury, Conn.
 Joan Lynn Korday, Mansfield
 David William Kozy, Toledo
 Joyce Josephine Kubit, Parma Heights
 Douglas Scott Kuehn, Columbus
 Joseph Scott Laney, Port Clinton
 Edmund Kenwood LeGrand, Raleigh, N. C.
 Stephen John Lenhart, Toledo
 Raymond Lev, Youngstown
 Terry Lynn Lewis, New Philadelphia
 Jenny Elizabeth Logue, Pittsburgh, Pa.
 Susan Helen Lonske, Whitehall
 William Whitsett Luce, Hanoverstown
 James Eric Lunden, Veradale, Wash.
 John Edward Lynch, Columbus
 Louis Sozon Lyras, Campbell
 Victoria Jean Marland, Parma Heights
 Jack William Marquardt, Brooklyn
 Christina Marie Martin, Columbus
 George Walter Maxymiv, Seven Hills
 Robert David McClary, McDonald
 Becky Sue McClellan, Akron
 Cynthia Sue McConnell, Coshocton
 George Robert McCue, Lorain
 William Andrew McKee, Columbus
 Kathleen Anne McLaughlin, Southington
 Sharon Ann Meltzer, Jackson
 Lisa Robyn Meltzer, Fairlawn, N. J.
 Molly Jo Messick, Columbus
 Mary Lynn Michels, Rocky River
 Jerry Forrest Mikesell, Coshocton
 Suzanne Milburn, Circleville
 Jonathan Mitchell Miller, Bay Village
 Timothy Vincent Monroe, Upper Sandusky
 Joyce Elaine Moore, Shreve
 Laura Lee Morgan, Dayton
 Wyndham George Mortimer, Dayton
 Elizabeth Ann Moulton, Orono, Me.
 Karen Patricia Naquin, Stow
 Richard Carl Needles, Columbus
 Janis Lynn Newell, New Plymouth
 Timothy Dale Norton, Kenton
 Ralph Anthony Nunez, Struthers
 Katherine Barnhart O'Brien, Delaware
 Kim Olmhausen, Bryan
 Diane Susan Olson, Columbus
 Crystal Jane Overholt, Piqua
 Gary Michael Overmeyer, Defiance
 Kim Richard Palmer, Flushing
 Laurie Ann Parkinson, Euclid
 Bruce Michael Pearlman, Cleveland
 Toni Lynn Pegg, Barnesville
 John Charles Peiffer, Columbus
 Cynthia Jill Peterkin, Avon Lake
 Douglas Young Peters, Mayfield Village
 Victoria Smith Peters, Columbus
 Pamela Sue Pflum, Columbus
 Ann Natalie Phillips, Chillicothe
 Robert Anthony Pinter, Seven Hills
 Diane M. Pollick, Toledo
 Brad Lee Pospichel, Columbus
 Gary Lynn Prill, Van Wert
 Carolyn Marie Primuth, Cleveland Heights
 Rex Thomas Raper, Stow
 John Richard Raymond, Uniontown
 Edward Anthony Reik, Columbus
 Peter Joseph Reilly, Toledo
 Sarah E. Repke, Cincinnati
 Warren Lewis Riggle, New Concord
 Ann Edith Roggenkamp, Dayton
 William Donald Rohrer, Canton
 William Robert Roscoe, Sharpsville, Pa.
 Bradley Larson Rutledge, Northfield
 Susan Lillian Sadlek, Parma
 Donna Lee Sawan, Brooklyn, N. Y.
 Joletta Marie Sberna, Bellevue
 Jeffrey Glen Schmakel, Toledo
 Susan Elizabeth Schmidt, Lyndhurst
 Joan Elizabeth Schneke, Reynoldsburg
 Peter William Henry Schubert, Neenah, Wis.
 Paul Allen Schwartz, Norwalk
 S. Richard Scott, East Palestine
 Anita Debra Seaman, South Euclid
 Stephen Arthur Segall, Columbus
 James Allen Sentz, Strongsville
 Catherine Ann Serafin, Bellaire
 Stephen Mark Shall, Toledo
 Robert Gregory Shelhouse, Dayton
 Teresa Lynn Ludwig Shilling, Kenton
 Allen Franklin Sisson, Charleston, W. Va.
 Frederick Andrew Slezak, Barberton
 Candace Lee Smith, Farmdale
 Susan Myers Smith, Willard
 Bradley L. Snyder, Lexington
 Myriam Huberman Solomon, Columbus
 James Sosnowchik, Sagamore Hills
 Mary Alda Spencer, Painesville
 Joseph Buchanan Stafford, Columbus
 James Richard Stainbrook, Worthington
 Charmaine Marcum Stemple, Springfield
 Nancy Ann Stickrath, Marietta
 Ken Marvin Stoner, Uniontown
 Paul Charles Stromberg, Columbus
 Neil Phillip Stuber, Amherst
 Lee Ian Sturman, Beachwood
 Dennis Michael Super, Amherst
 Patricia Marie Sweeny, Marysville
 Ronald Lewis Swerlein, Gahanna
 Patricia Ann Swinehart, Columbus
 Roy Tabet, Beirut, Lebanon
 William Evans Tanner, Columbus
 Amy Elizabeth Telep, Medina
 Larry Jay Thayer, Lancaster
 Viscount Francis Thurston, Columbus
 Douglas Alan Trottmann, Ashland
 Paul Wells Vance, Jr., Columbus
 Sandra Ann Poneleit Veverka, Columbus
 Lucinda M. Vogtsberger, Columbus
 Rogely Alta Waite, Norwalk
 Sarah Elizabeth Walker, Mansfield
 Keith Loudon Wharton, Parkersburg, W. Va.
 Aura Lee Whittaker, Worthington
 Kevin Eugene Wisler, Galion
 Jodie Ann Yarhouse, Westerville
 Donald Ray Yates, Dayton
 Brian Joseph Zelinski, Urbana
 Elizabeth McClure Zola, Cincinnati
 Cum laude with distinction in Agricultural Economics
 Richard Allen Hendershot, Lore City
 Calvin Jay Miller, Fayette
 Brent Rinner Porteous, Coshocton
 Sherry Lee Stauffer, Ashland
 Cum laude with distinction in Agricultural Education
 Gary William Wilson, Jenera
 Cum laude with distinction in Agronomy
 Robert Findley Lindsay, Massillon

Cum laude with distinction in Animal Science	Daniel Allen Bailey, Marion Jane Elaine Ballenger, Marion James Harvey Balthaser, Columbus Thomas Edward Barnes, Columbus Gary Wayne Becker, Chicago, Ill. George H. Bennett, Jr., Berrien Springs, Mich. Geoffrey Vernon Case, Columbus Edward Kefgen Cheffy, Barnesville William Charles Curley, Columbus Robert Michael Curry, Geneva Richard Carlton Daley, Brecksville Dinah Lea DeVere, Columbus David William DeVita, Lima Francis Xavier Frantz, Uniontown Ronna Lee Friedman, Cincinnati Robert Joseph Gilker, Cincinnati John Patrick Gordon, Elida Robert Louis Grossman, South Euclid Jeffrey Rutledge Jinks, Columbus Nora E. Jones, Columbus Susan Mary Kuzma, Seven Hills Thomas Neal Ledvina, Parma Mark Alan Leslie, Columbus Jeffrey Stockwell Limes, Hillsboro *Thomas Christopher Lipp, Dayton Michael Reid Miles, Salem Gary William Nagel, Dayton David Conrad Olson, Columbus Margaret Ann Polanski, Mineral Ridge Richard Joseph Remley, Youngstown *Kristine Agnes Roth, Canton Scott Paul Sandrock, Navarre Stephen Allen Schumaker, Springfield *Richard Anthony Schwartz, Fremont Carol Ann Sheehan, Midland, Mich. Patrick Lee Singer, Portsmouth Eleanor Louise Speelman, Crestline Vicki Lynn Sproat, Columbus Richard Terry Taps, Columbus Patricia McGough Tweel, Columbus Kurt J. von Boeselager, Cincinnati Randall Mitchell Walters, Columbus Douglas Wesley Warnock, Fairview Park Gary Evan Wright, Fairborn	With distinction in Dairy Science
Mark Allen Dorow, North Ridgeville Kirk Wesley Forrest, Tiffin		Mark Joseph Neuman, Seville Jeffrey Alan Richman, Beachwood
Cum laude with distinction in Dairy Science		With distinction in Economics with honors in the Liberal Arts
Anita Maria Migday, Kettering		Charles M. McDonald, Elyria
Cum laude with distinction in Entomology		With distinction in Electrical Engineering
John Jeffrey Campbell, Napoleon		Richard Anthony Bishel, Kensington Jeffrey Edward Downs, West Carrollton
Cum laude with distinction in Environmental Education		With distinction in Genetics
Daniel Joseph O'Meara, Grove City John Richard O'Meara, Coshocton		Dawn Elizabeth Light, Batavia
Cum laude with distinction in Fisheries Management		With distinction in English
Richard Burton Marsh, Columbus		John Noel Duvall, Columbus
Cum laude with distinction in Food Science		With distinction in History with honors in the Liberal Arts
Julia Ann Knaggs, Wayne, N. J.		John Charles Rumm, Worthington
Cum laude with distinction in Genetics		With distinction in Medical Illustration
Mark Stephen Chapman, Stow		Ann Louise Shreck, Hilliard
Cum laude with distinction in History of Art		With distinction in Microbiology
Lisa Ann Daugherty Iacobellis, Akron		Steven L. Ballas, Zanesville
Cum laude with distinction in Physics with honors in the Liberal Arts		With distinction in Parks and Recreation Administration
Ronald Theodore Smith, North Canton		Amy Marie Kordenbrock, York, Pa.
Cum laude with distinction in Psychology		With distinction in Psychology
Maxene S. Doty, Worthington Arthur Daniel Fisk, Galion		Arlene Redlich, Youngstown
Cum laude with distinction in Resource Development		With distinction in Sociology
Thomas Allan Krinov, Canal Fulton		Cynthia M. Roy, Burlington, N. J.
Cum laude with distinction in Slavic Languages and Literatures with honors in the Liberal Arts		With distinction in Wildlife Management
Constance Mary Corrigan, Alexandria, Va.		Barbara Lena Walinski, Toledo
Cum laude with distinction in Wildlife Management		With distinction in Zoology
David Michael Tunder, Seven Hills		Daryl L. Moorhead, Pataskala
Cum laude with honors in the Liberal Arts		With honors in the Liberal Arts
Ronald Steven Burkey, Columbus James Scott Huggins, Ashland Stephanie Lynn Jakim, Lima Peter Allen Johnson, Columbus		Stephen C. Borchers, Winfield, Ill. David Alan Cooley, Lima Diane M. Curtis, Columbus Susan Lynn Ensor, Medina Harold Fenner, Columbus Cyndy Lee Garn, Mansfield Sara L. Kennedy, Columbus Cindy L. Large, Toledo Leo Liu, Columbus Christopher Mason, Columbus Kathleen Ann Prond, Columbus Jeffrey David Ries, Toledo Nancy Dye Stroup, Columbus Katherine Ann Tatterson, Galena Jeffrey N. Trimble, Worthington Carmen Anna Weber, Cincinnati Tamela Dawn Williams, Fairfield Stephanie K. White, Worthington Frederick John Wyman, II, Findlay
Honors in Law		
Mark Andrew Adams, Parma David Warren Alexander, Springfield		
	With distinction in Agricultural Economics	
	David Carroll Barrett, Vincent Marilyn Anne Burns, Plain City	
	With distinction in Agronomy	
	Charles Edward Widney, Sidney	
	With distinction in Animal Science	
	Curtis Lynn Nripe, Crooksville Mary Kathleen Kral, Parma Heights	
	With distinction in Anthropology	
	Susan McCabe, Baltimore Dee Anne Wymer, Findlay	
	With distinction in Civil Engineering	
	Thomas Alan Bolte, Vandalia	
	With distinction in Comparative Religious Literatures with honors in the Liberal Arts	
	Steven Wasserstrom, Columbus	
	* December 1977 Graduates	

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 8, 1978

The Board of Trustees met at its regular monthly meeting on Thursday, June 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Vice Chairman, John L. Gushman, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

* * *

Mrs. James introduced the new member of the Board:

Daniel M. Galbreath, Columbus, Ohio, who was appointed by Governor James A. Rhodes, for a term beginning May 14, 1978 and ending May 13, 1987.

Mr. Galbreath is an associate and partner of the John W. Galbreath Company. He is also president of the Pittsburgh Pirates Baseball Team; a member of Battelle Commons; past chairman of the Columbus Area Chamber of Commerce and Columbus Rotary Club. He currently serves as chairman of the Columbus Foundation and the Board of Columbus Zoo.

Mr. Galbreath attended Amherst College and earned a Master of Business Administration degree from The Ohio State University.

Dan, we welcome you to the Board and look forward to a close and productive association.

June 8, 1978 meeting, Board of Trustees

Mrs. Patricia D. James, Vice Chairman of the Board of Trustees, presided in the absence of Dr. Sirak.

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Mrs. James announced the committee appointments for 1978-79 in the absence of the chairman.

COMMITTEE APPOINTMENTS 1978-79

Resolution No. 78-123

WHEREAS the appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors and the Inter-University Council for 1978-79 are as follows:

Educational Affairs Committee

Patricia D. James, Chairman
Warren J Smith, Vice Chairman

John D. Jacob
Howard D. Sirak, Ex Officio

Fiscal Affairs Committee

Chester Devenow, Chairman
D. James Hilliker, Vice Chairman

John F. Havens
Howard D. Sirak, Ex Officio

OARDC Agenda Review Committee

John L. Gushman, Chairman
John M. Stackhouse, Vice Chairman

Daniel M. Galbreath
Howard D. Sirak, Ex Officio

Student Affairs Committee

D. James Hilliker, Chairman
Patricia D. James, Vice Chairman

John D. Jacob
Howard D. Sirak, Ex Officio

Personnel Committee

Howard D. Sirak, Chairman
John L. Gushman

Patricia D. James

Development Fund Board

John F. Havens (one year)

Daniel M. Galbreath (two years)

Inter-University Council

Daniel M. Galbreath

Research Foundation Board

John D. Jacob (April, 1980)

June 8, 1978 meeting, Board of Trustees

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, and the Inter-University Council for 1978-79 be approved.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Mrs. James: I would like to mention that I haven't spoken of our new member of the Board, Mr. Galbreath, who has not been able to join us as yet. When he comes in I will take the opportunity to introduce him.

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Mrs. James: We have some guests here today, Mr. Paul Zock and Miss Nancy Taglione of the Undergraduate Student Government have requested permission to speak to the Board. Are they here?

MR. PAUL ZOCK

Mr. Paul Zock, President of the Undergraduate Student Government, spoke to the Trustees on student fee increases.

Mrs. James and members of the Board: I wish to thank you for the opportunity to address you today on a matter of great interest to the O.S.U. student body. Your cooperation is greatly appreciated.

An alarming fact is that students attending state-supported universities in Ohio are paying the fourth highest tuition in the country. Our colleagues at Ohio's state-supported two-year schools are paying the second highest tuition in the country. University administrators and students alike suffer from the low levels of funding provided the state university system by the Ohio General Assembly which now ranks 46th on a national basis.

A further complication to this already severe problem came last year when the Ohio legislature struck \$30,000,000 from the higher education budget for this biennium. This cut resulted in tuition and fee increases at a number of state institutions including Ohio State which was forced to raise fees by \$25. Reluctantly, O.S.U. students absorbed this increase and began their 1977-1978 academic year. As it stands now, these same students will be asked to absorb yet a second increase.

Mrs. James, members of the Board, we are here today to bring to your attention a possible remedy to this problem.

June 8, 1978 meeting, Board of Trustees

MR. PAUL ZOCK (contd)

When the state of Ohio's legislative budget office discovered what could possibly be a state budget surplus of \$150,000,000, Representative Mike Stinziano proposed introducing H.B. 1269. This legislation will establish instructional fee ceilings at state-supported universities at winter '78 levels and seeks a supplemental appropriation of \$14,600,000. This figure is based on research conducted state-wide by the Ohio Board of Regents and is intended to finance H.B. 1269's proposals.

As the bill is currently written, Ohio State University will receive an appropriation of \$3,419,631. O.S.U.'s branch campuses will receive a combined total of \$96,325.

It is our belief that H.B. 1269 will relieve Ohio students from absorbing this second fee increase while seeking to recover only one-half of what our state universities were to receive this biennium.

O.S.U./U.S.G. is committed to a policy of cooperating with the O.S.U. administration in seeking logical answers to the problems which face The Ohio State University.

Our purpose in bringing this matter to your attention is twofold. First, to acknowledge the support of Mr. William Vandament and the Office of Resources and Planning. It is our understanding that they plan to work closely with us throughout the upcoming year on matters which affect the O.S.U. administration and the O.S.U. student body.

Second, we wish for you to understand our fervent desire to hold down fees at Ohio State University. Your assistance in this endeavor and your expertise in the formation of policies which can help us achieve this goal will be most appreciated.

Again, please accept my thanks for the opportunity to address you today.

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RESOLUTIONS IN MEMORIAM

Resolution No. 78-124

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

June 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Karl Peter Klassen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 6, 1978, of Karl Peter Klassen, M.D., Professor Emeritus in the Department of Surgery and the first appointee to the "Karl P. Klassen Chair of Thoracic Surgery."

Dr. Klassen was born on October 25, 1908 in Spat, Crimea, Russia, one of thirteen children of a Mennonite minister. Dr. Klassen's father directed a German school in Spat for members of the Russian Royal Family and thus, in his early life, Dr. Klassen was exposed to art, literature and music. This exposure was to influence his adult life. The Klassen family migrated from Russia in 1925 due to political repression.

Dr. Klassen received his B.S. degree in 1931 from Wheaton College in Wheaton, Illinois. He entered the University of Chicago Medical School and while there became a surgical disciple of such great surgeons as Huggins, Phemister and Dragstedt. He graduated in 1935 and stayed on for surgical training under Dallas Phemister, then Chairman of the Department of Surgery.

During this period of time, Dr. Klassen developed a research interest in surgery and was advised to come to Columbus, Ohio, to train with George M. Curtis, Professor of Surgery and Chairman of the Department of Research Surgery. First a resident surgeon and then an associate of Dr. Curtis', Dr. Klassen became a pioneer in the developing field of thoracic surgery. He gained a reputation as a superb clinical surgeon and did basic research in the field of thoracic surgery. In 1950, Dr. Robert M. Zollinger, Chairman of the Department of Surgery, appointed him Director of the Division of Thoracic Surgery, a position that Dr. Klassen held for 26 years.

Dr. Klassen was a national and international authority in the field of thoracic surgery, the recipient of many medical and surgical honors, and held memberships in many surgical and medical societies, several of which conferred the honor of President upon him. He was the author and co-author of numerous articles concerning his research involving cardiopulmonary diseases with special emphasis on coronary and valvular heart surgery in which he was an early pioneer.

Dr. Klassen's civic and community activities involved the promotion of the cultural arts in Columbus. He was particularly interested in the Columbus Gallery of Fine Arts, the Columbus Symphony and he served on the Board of Trustees of the Columbus Center of Science and Industry, as well as being a past President of the Central Ohio Heart Association.

Dr. Klassen was a recognized authority on and a creative worker in the media of stained glass. His personal library collection on the subject of stained glass is thought to be one of the finest in this country. He was active in the development of the stained glass and mosaic murals which provide the cultural enrichment of the Medical College buildings of The Ohio State University.

June 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Karl Peter Klassen (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Victor L. Steffel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 22, 1978, of Victor L. Steffel, Professor Emeritus in the College of Dentistry.

Dr. Steffel received his D.D.S. degree from The Ohio State University in 1926.

Dr. Steffel was a member of the faculty of the College of Dentistry from 1926 to 1948 and maintained a very successful private practice. He was Chairman of Removable Partial Prosthodontics from 1948 to 1963. He retired in 1967.

Dr. Steffel was past president of the Columbus Dental Society, the Ohio State Dental Association and Omicron Kappa Upsilon Dental Honorary. He was Executive Director of the American Prosthodontics Society 1955-74, received the Centennial Achievement Award from The Ohio State University and was presented the Distinguished Dental Award by the Ohio State Dental Association. He was Supreme Grand Master of Psi Omega dental fraternity and was a consultant to the Veterans Administration Hospital in Chillicothe, Ohio. He was the coauthor of a textbook on removable partial prosthodontics and has written numerous articles in recognized dental journals.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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ESTABLISHMENT OF PROGRAM LEADING TO A BACHELOR OF SCIENCE IN AUDIO RECORDING DEGREE

Resolution No. 78-125

Synopsis: A program leading to the degree Bachelor of Science in Audio Recording is proposed.

WHEREAS the School of Music, College of The Arts, has prepared a new tagged degree program to be known as the Bachelor of Science in Audio Recording; and

June 8, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF PROGRAM LEADING TO A
BACHELOR OF SCIENCE IN AUDIO RECORDING DEGREE (contd)**

WHEREAS such a program is related to the development of the electronics music industry, to growing student interest, and to the University's ability to provide the resources necessary to the best academic training in this area; and

WHEREAS this program, with its significant component of mathematics and electrical engineering courses, cannot be accommodated as a standard major under the degree Bachelor of Music:

NOW THEREFORE

BE IT RESOLVED, That the proposal approved by the University Senate, April 29, 1978, for the establishment of the degree, Bachelor of Science in Audio Recording, be approved and that this proposal be forwarded to the Ohio Board of Regents pursuant to Section 3333.04 of the Ohio Revised Code for approval.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF AN UNDERGRADUATE CERTIFICATE PROGRAM
IN SLAVIC AND EAST EUROPEAN STUDIES**

Resolution No. 78-126

Synopsis: Undergraduate Certificate Program in Slavic and East European Studies is proposed.

WHEREAS the University Center for International Studies, with the concurrence and cooperation of the College of Humanities, has prepared a new undergraduate Certificate Program in Slavic and East European Studies; and

WHEREAS such a program would make available the University's breadth of resources in the Slavic area in new ways to a large number of undergraduates; and

WHEREAS this program would permit any Ohio State University undergraduate, regardless of his or her major field of interest, to acquire fundamental, substantive and linguistic tools in Slavic and East European Studies; and

WHEREAS such a certificate would be visible evidence to prospective employers of the students' special accomplishment in this interdisciplinary area of study; and

WHEREAS this program can accomplish its objectives by taking advantage of existing faculty and library resources:

June 8, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF AN UNDERGRADUATE CERTIFICATE PROGRAM
IN SLAVIC AND EAST EUROPEAN STUDIES (contd)**

NOW THEREFORE

BE IT RESOLVED, That the undergraduate Certificate Program in Slavic and East European Studies which the University Senate approved on May 20, 1978, be adopted by the Board of Trustees for implementation Autumn Quarter 1978.

Upon motion of Mr. Smith, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF AN ACADEMIC FACULTY
OF EDUCATIONAL FOUNDATIONS AND RESEARCH**

Resolution No. 78-127

Synopsis: It is proposed that an Academic Faculty of Educational Foundations and Research be established with the Academic Faculty of Curriculum and Foundations merged with the Academic Faculty of Educational Development.

WHEREAS pursuant to rule 3335-3-34 of the Administrative Code Academic Faculties are created; and

WHEREAS the College of Education has proposed that the Academic Faculty of Curriculum and Foundations and the Academic Faculty of Educational Development be joined as the Academic Faculty of Educational Foundations and Research; and

WHEREAS such a merger has the overwhelming support of the membership of each faculty, the affirmative concurrence of the College of Education Senate and the approval of the Dean of the College of Education; and

WHEREAS existing student programs within the separate faculties will continue in the proposed union; and

WHEREAS the scholarly interests of the individual members in the two faculties are consonant and there has been previously developed an easy collaboration among them which will be rendered stronger by such a merger:

NOW THEREFORE

BE IT RESOLVED, That the proposal, as approved by the University Senate, May 20, 1978, to merge the Academic Faculty of Curriculum and Foundations and the Academic Faculty of Educational Development, be adopted.

Upon motion of Dr. Jacob, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 8, 1978 meeting, Board of Trustees

ESTABLISHMENT OF AN ASSOCIATE OF ARTS DEGREE

Resolution No. 78-128

Synopsis: Upon recommendation of the University Senate an Associate of Arts degree is proposed.

WHEREAS the Ohio Board of Regents has established guidelines for an Associate of Arts degree; and

WHEREAS The Ohio State University as an integral part of its baccalaureate program, has a sufficiency of academic offerings for this degree; and

WHEREAS many students at this University routinely fulfill requirements equivalent to those in the guidelines and would find this degree of some value; and

WHEREAS the availability of an Associate of Arts degree at this University will enhance the service it renders to its students and the State of Ohio:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University under the auspices of the Colleges of the Arts and Sciences award an Associate of Arts degree as approved by the University Senate, May 20, 1978, and pursuant to Section 3333.04 of the Ohio Revised Code, with the approval of the Board of Trustees, the proposal be forwarded to the Ohio Board of Regents with the program to become operative upon approval by the Ohio Board of Regents.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISTINGUISHED SERVICE AWARDS

Resolution No. 78-129

Synopsis: Recommendation for four individuals to receive Distinguished Service Awards is made.

WHEREAS the President's Staff serving as a Committee on Distinguished Service Awards has nominated and recommended four individuals for approval by the Board of Trustees to receive the Distinguished Service Award at the Summer Quarter Commencement Convocation:

Harold J. Grimm
James R. McCoy
Edwin L. Mitchell
Edward F. Wagner

June 8, 1978 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF THE S. ROBERT DAVIS CHAIR OF MEDICINE

Resolution No. 78-130

Synopsis: An "Endowed Chair" is being proposed.

WHEREAS the Board of Trustees on January 14, 1965 approved a set of guidelines for the establishment of "Named Chairs" which was subsequently modified March 3, 1972 and renamed "Endowed Chairs" and was modified further on May 5, 1978; and

WHEREAS a gift to The Ohio State University Development Fund from S. Robert Davis, Columbus, Ohio, has been received for the establishment of "The S. Robert Davis Chair of Medicine"; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income is to be used to provide salary and program support for the work of a distinguished scholar, researcher and teacher in the College of Medicine with appointment to the Davis Chair to be recommended by the Dean of the College of Medicine to the Provost and approved by the Board of Trustees with the term of appointment to be for four (4) years, subject to reappointment on review; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education:

June 8, 1978 meeting, Board of Trustees

ESTABLISHMENT OF THE S. ROBERT DAVIS CHAIR OF MEDICINE (contd)

NOW THEREFORE

BE IT RESOLVED, That "The S. Robert Davis Chair of Medicine" be established in accordance with the wishes of the donor.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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BUDGET SUMMARY (THIRD QUARTER 1977-78)

Resolution No. 78-131

Synopsis: The third quarter summary report of the current funds budget is presented for review.

The third quarter report of the 1977-78 Current Funds Budget contains minor total adjustments in projected expenditures--from \$387,411,000 to \$387,387,000--and in projected income--from \$391,080,000 to \$390,356,000. Some internal shifts among expenditure categories are due to changes made recently in the University's accounting system. Whereas the Research Foundation formerly maintained a separate accounting system, its accounts have been consolidated into the University accounting system. As a result, institutional support services provided to the Research Foundation are now treated as inter-department sales rather than as services producing outside income, and corresponding downward revisions have been made in the institutional support budget. Increases in Research Foundation expenditures reflect both the addition of new grants and contracts, e.g., the recent award to the Center for Vocational Education, and the transfer to the Research Foundation of administrative responsibility for grants and contracts formerly administered elsewhere in the University. Corresponding decreases in other sponsored research budget categories have accompanied this phased transfer of responsibility, e.g., a decrease in the Engineering Experiment Station budget from \$2,433,000 to \$1,817,000 is shown.

WHEREAS the third quarter report of the 1977-78 current funds budget which is presented for review by the Board of Trustees is balanced and contains a total downward revision to budgeted expenditures from \$387,411,000 to \$387,387,000:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget be accepted.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Budget Approved March 3, 1978	Proposed Revised Budget June 8, 1978
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$134,229	\$134,558
Libraries	7,374	7,364
Other Academic Support	2,351	2,464
Sponsored Programs Administration	2,070	2,102
Student Services	6,860	7,038
Plant Operation	22,411	22,826
Institutional Support	18,118	14,081
Total Instruction and General	\$193,413	\$190,433
Sponsored Research		
Research Foundation	\$ 21,300	\$ 24,195
Engineering Experiment Station	2,433	1,818
University Sponsored Programs	700	731
Other	2,361	2,121
Total Sponsored Research	\$ 26,794	\$ 28,865
Public Service		
University Hospitals	\$ 73,226	\$ 72,727
Cooperative Extension Service	16,950	17,925
University Sponsored Programs	2,353	2,353
Other	16,687	16,119
Conferences	1,915	2,160
Total Public Service	\$111,131	\$111,284

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1977-78
(IN THOUSANDS)

	Budget Approved March 3, 1978	Proposed Revised Budget June 8, 1978
Columbus Campus (contd)		
Scholarships and Fellowships	\$ 5,408	\$ 5,417
Auxiliaries		
Student Housing	\$ 17,829	\$ 17,932
Intercollegiate Athletics	7,947	7,620
University Bookstores	4,263	4,467
Student Health Service	2,246	2,262
Student Unions	2,210	2,419
Parking Facilities	2,046	2,405
University Airport	1,668	1,688
Fawcett Center for Tomorrow	1,329	1,268
Other	937	1,147
Total Auxiliaries	\$ 40,475	\$ 41,208
TOTAL COLUMBUS CAMPUS	\$377,221	\$377,207
Regional Campuses		
Administration	\$ 171	\$ 171
Lima Campus	2,046	2,046
Mansfield Campus	2,219	2,219
Marion Campus	1,313	1,313
Newark Campus	2,023	2,023
Agricultural Technical Institute	2,233	2,233
Wright Patterson Graduate Center	185	175
Total Regional Campuses	\$ 10,190	\$ 10,180
GRAND TOTAL	\$387,411	\$387,387

THE OHIO STATE UNIVERSITY
1977-78 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1977-78 BUDGETS
(In Thousands)

	Estimated Income March 3, 1978	Revised Estimated Income June 8, 1978
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,095	\$128,977
Federal	46,971	47,317
Local	4,081	5,231
Subtotal	\$179,147	\$181,525
Student Fees		
Instruction and General	\$ 54,640	\$ 54,150
Room and Board	14,875	15,028
Other	2,173	2,430
Subtotal	\$ 71,688	\$ 71,608
Other Income		
Auxiliary Sales and Charges	\$ 92,939	\$ 90,006
Department and University Services	17,891	18,270
Endowment Income	2,806	2,676
Gifts and Grants	13,210	12,382
Temporary Investments	2,100	2,600
Subtotal	\$128,946	\$125,934
TOTAL COLUMBUS CAMPUS	\$379,781	\$379,067
Regional Campuses		
Lima Campus	\$ 2,398	\$ 2,398
Mansfield Campus	2,519	2,519
Marion Campus	1,506	1,506
Newark Campus	2,289	2,289
Agricultural Technical Institute	2,402	2,402
Wright Patterson Graduate Center	185	175
TOTAL REGIONAL CAMPUSES	\$ 11,299	\$ 11,289
GRAND TOTAL	\$391,080	\$390,356

RECOMMENDED BUDGET 1978-79 BY PRESIDENT ENARSON

President Enarson made the following comments:

I would like to say a few words about this before introducing Dr. Vandament. This, of course, is the single most important recommendation adopted by the Board of Trustees in any year. The budget involves painful choices on a variety of fronts. The second year of the biennium is considerably easier to develop than is the first year. We at least are spared the great uncertainties associated with budget-making while the General Assembly is in progress. We have the great advantage in short of knowing what the appropriation to Ohio State University is. The budget, of course, is in dollar terms a very large amount and there can be no denial of that. On the other hand, I think you should understand that the room for maneuvering is relatively slight. There's not flexibility one wishes for; there's certainly no way in which one can impose major cuts in order to establish brand new programs and you will find no new programs of consequence in the entire budget. Inevitably, we always move to one of the many critical calculations in the budget and that's a matter of trade off both on the income and the expenditure side. Faculty and staff salaries represent roughly 80 per cent--four out of every five dollars in the operating budget. At a time when inflation has been running at six and a half to seven per cent, one of the first issues before us is what amount of 'increase' is appropriate in the context of current measures of inflation. At the same time as we contemplate that particular problem we are forced also to look at the income side of the budget and here again with the state contribution already a matter of fact and record, we, of necessity, are driven to look to the fee structure in terms of ways of increasing the income. These are choices we would prefer not to make. There are students who prefer to see no connection between the instructional fees that they pay and the quality of instruction they receive. There are faculty members in turn who would prefer to look only at the adequacy of faculty salary increases and not look at the burden imposed on students. I'm not suggesting that the entire transaction is as simple as I have outlined it, but that is the relationship between these, and salary structure is necessarily utterly basic. We've developed this as a conservative budget; it shows no great surprises; it's in line with presentations made very early in the year; it's in line with public statements that I and others of this administration have made in good faith to our students and I think that's the way it should be.

I do have one other major concern. We developed this budget at a time when inflation appeared to be in the order of six and a half per cent edging up to seven. We now complete it four or five months later at a time when we see a new burst of inflation and with the likely prospect of a cost of living index that may go somewhere above eight per cent, but it's late in the game to make any adjustment along those lines but I think it is important that we put on the record, so to speak, the fact that we will not be able to sustain real incomes for our total faculty and staff with this particular increase. We did cover in Dr. Vandament's presentation this morning this entire budget. It was reviewed by the finance committee, but perhaps Dr. Vandament wants to touch some of the highlights, since I'm not sure everybody was here.

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BUDGET 1978-79

Dr. Vandament presented a few highlights of the Budget for 1978-79. He indicated his concurrence with the President's comments concerning inflation in terms of faculty-staff salaries and in terms of supplies and equipment purchases.

I. INTRODUCTION

The proposed 1978-79 Budget has been developed in an environment of competing pressures to meet the inflationary prices for necessary expenditures, to protect the purchasing power of faculty and staff salaries, to contain student fees at as low a level as possible, and to provide flexibility for the University to react quickly to changes in resource levels. The natural conflict among these objectives is worsened for 1978-79 by unavoidable cost increases in such items as utilities, legislatively mandated pay increases for classified staff, and maintenance of current employee benefits that are estimated at 10.4 per cent above the present base. The 1978-79 Budget, as proposed, necessarily reflects some compromise among these interests.

We have known since the passage of the State's biennial budget bill in 1977 that the University would not receive sufficient State support to continue the same services at the same levels as in the past without increasing revenues from other sources. Mandated and inflationary cost increases, rising at a more rapid rate for institutions of higher education than in the general economy, are outstripping growth in the State's revenue levels. Thus, the proposed 1978-79 Budget contains minimal increases in faculty/staff salaries, some increases in student fees, and implementation of the second phase of an internal budget reallocation plan initiated in 1977-78.

Some income factors, in addition to those associated with the prediction of enrollment-produced revenues, are uncertain at this date. For example, we do not know the amount of State support we will receive to cover pay increases that the General Assembly has mandated for classified employees. We will present a revised budget proposal later if events occur that cannot be accommodated by this budget.

II. SUMMARY OF PROJECTED TOTAL CURRENT EXPENDITURES AND REVENUES OVERVIEW

The University uses the five principal expenditure categories required by the Ohio Board of Regents in developing and reporting its budget and system of accounts: Instruction and General, Sponsored Research, Public Service, Student Aid, and Auxiliary Services. The following summaries provide an overview of the proposed University Budget for 1978-79 as compared with projected 1977-78 expenditure levels. In these summaries, total budgeted expenditures are presented which combine unrestricted general fund expenditures with other expenditures that are supported by earnings (e.g., Residence Halls, University Hospitals) and restricted funds from outside sources (e.g., Development Fund contributions). The unrestricted general fund budget will be presented in greater detail in Section III of this report.

Summary 1 shows the total University budget with the Columbus Campus and Regional Campuses separately displayed.

June 8, 1978 meeting, Board of Trustees

BUDGET 1978-79 (contd)

SUMMARY 1

	Estimated 1977-78	Proposed 1978-79	Increase	
Columbus Campus	\$377,207,000	\$411,184,000	+\$33,977,000	+9.0%
Regional Campuses	10,180,000	10,930,000	+ 750,000	+7.4%
Total	\$387,387,000	\$422,114,000	+\$34,727,000	+9.0%

In Summary 2, estimated 1977-78 expenditures and proposed expenditures for 1978-79 are presented for each of the five principal expenditure categories of the Columbus Campus.

SUMMARY 2

Budget Categories	Estimated 1977-78	Proposed 1978-79	Portion of Total Budget 1978-79
Instruction and General	\$190,433,000	\$206,550,000	51%
Sponsored Research	28,865,000	34,582,000	8%
Public Service	111,284,000	120,591,000	29%
Student Aid	5,417,000	5,787,000	1%
Auxiliary Services	41,208,000	43,674,000	11%
Totals	\$377,207,000	\$411,184,000	100%

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BUDGET 1978-79 (contd)

Summary 3 provides an overview of the sources of income for all activities on the Columbus Campus.

SUMMARY 3

Source	Estimated 1977-78	Proposed 1978-79	Portion of Total Budget 1978-79
State of Ohio	\$128,977,000	\$141,017,000	34%
Federal	47,317,000	52,469,000	13%
Instruction and General Fees	54,150,000	58,480,000	14%
Room and Board Fees	15,028,000	16,113,000	4%
Other Revenues	133,595,000	145,285,000	35%
Totals	\$379,067,000	\$413,364,000	100%

Finally, Summary 4 provides current and proposed expenditures for those campuses of the University not located in Columbus.

SUMMARY 4

**Regional Campuses
Projected Expenditures**

Campus	Estimated 1977-78	Proposed 1978-79
Lima Campus	\$ 2,046,000	\$ 2,266,000
Mansfield Campus	2,219,000	2,295,000
Marion Campus	1,313,000	1,391,000
Newark Campus	2,023,000	2,113,000
Agricultural Technical Institute (Wooster)	2,233,000	2,521,000
Wright Patterson Graduate Center	175,000	165,000
Regional Campus Administration	171,000	179,000
Totals	\$10,180,000	\$10,930,000

BUDGET 1978-79 (contd)

III. UNRESTRICTED FUNDS AND THE INSTRUCTION AND GENERAL BUDGET OVERVIEW:

The core budget of the University is the Instruction and General Budget of the Columbus campus. This budget supports the credit educational programs in which students enroll, along with the academic and administrative support services required. The sub-categories of the Instruction and General Budget are: Departmental Instruction and Research, Libraries, Other Academic Support (e.g., Teaching Aids Laboratory), Sponsored Program Administration, Student Services, Plant Operation, and Institutional Support.

About 95 per cent of the Unrestricted General Funds that the University forms by pooling its state subsidy, student instructional and general fees, and other unrestricted income are required to support the Instruction and General Budget. Approximately 85 per cent of the Instruction and General Budget is funded from unrestricted funds, the remaining coming from earnings operations and restricted or designated funds. Thus, the Instruction and General Budget is part of the total University Budget that is affected most by the decisions the University makes about the allocation of its Unrestricted General Funds. Because the most direct allocation decisions occur in the expenditure of Unrestricted General Funds the following analysis is presented for the proposed expenditure of those unrestricted funds for 1978-79.

A. CHARACTERISTICS OF 1978-79 UNRESTRICTED GENERAL FUNDS EXPENDITURES AND INCOME

The proposed Unrestricted General Funds Budget calls for expenditure increases of \$15.3 million over the 1977-78 base of \$170.6 million. This recommended Budget is balanced in part through internal savings so that inflationary cost increases could be met and some high priority objectives of the University realized.

The Unrestricted General Funds Budget for 1978-79 is designed to achieve the following objectives:

- * Meet unavoidable cost increases for retirement programs, utilities, mandated pay increases for classified employees -- \$5.6 million.
- * Provide a 6.5 per cent planned salary increase for continuing faculty and administrative/professional staffs -- \$6.0 million.
- * Provide a 7.0 per cent adjustment for operating budgets to meet costs other than continuing personnel -- \$1.3 million.
- * Set aside a Minimum Flexibility Fund as a hedge against revenue shortfalls, to fund existing budget deficiencies (equipment replacement, accreditation requirements, etc.), and/or to undertake necessary activities (increased services to part-time students) -- \$2.3 million.

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BUDGET 1978-79 (contd)

It is proposed that the above cost increases be met as follows:

- * Increase in instructional subsidies -- \$7.8 million.
- * Increases in combined instructional and general fees of \$20 per quarter for undergraduates, \$25 for graduate and law students and additional increases for other students -- \$3.7 million.
- * Projected State funding to meet costs of classified employee pay increases -- \$2.7 million.
- * Increases in other income, and annualization of 1977-78 fee increases -- \$1.0 million.

B. COST OF PROPOSED BUDGET

This section contains analyses of the costs of the Unrestricted General Funds for 1978-79. Subsequent sections of this report incorporate restricted funds and earnings accrued by the various operations of the University for the provision of specific services.

The new costs which must be met from Unrestricted Funds are distributed among the following categories: Mandated Costs, College and Office Budget Increases, Added Operational Costs, and Savings.

Mandated Costs. Mandated cost increases of \$5.6 million are anticipated for 1978-79. As can be seen in the following table, unavoidable cost increases are the result of retirement rates, utility rates, salary increases for classified employees, and additional fee compensation to offset projected increases in fees for graduate students. Approximately \$2.7 million has been budgeted to meet costs of mandated pay increases for classified employees.

Increase in Employee Benefits	\$ 475,000
Increase in Utilities Costs	\$1,500,000
Classified Staff Pay Increases	\$2,675,000
Fee Compensation/Waivers	\$ 653,000
Other (Minimum Wage, Postage Rates, etc.)	\$ 323,100
Total	\$5,626,100

These mandated cost increases generally exceed those that might be predicted on the basis of general inflationary pressures. For example, increased utilities costs of 20 per cent and classified employee pay increases of 8.9 per cent are forecast for 1978-79. In the aggregate, these mandated costs represent an increase of 10.4 per cent over the 1977-78 base.

BUDGET 1978-79 (contd)

College and Office Budget Increases. A planned salary increase of 6.5 per cent for regular, continuing faculty and administrative/professional staff would result in additional costs of approximately \$5.1 million. The increases range from a minimum of \$360 to a maximum of 10 per cent, per person, to be funded from increases in the Unrestricted General Funds. Provisions have also been made for exceptional merit increases above these levels for a maximum of 10 per cent of a college or office staff when such increases can be funded by the college or office through reductions in other expenditures.

This 6.5 per cent average increase is considered minimal because cost of living increases will undoubtedly exceed that level during the coming year. This increase follows a 5.7 per cent increase for 1977-78 that resulted in some erosion of the purchasing power of our faculty and staff personal incomes.

A 7 per cent adjustment to other college and office budget categories to meet increased costs of operating supplies and equipment would increase expenditures by \$2.3 million. Our studies of the inflationary impact on these budgets reveal a decrease in purchasing power of 31 per cent over the past eight years. We are currently completing a comprehensive study of the status of the University's equipment to determine the one-time and continuing costs of correcting severe deficiencies. (If final income levels for 1978-79 are sufficient, we hope to use some of the budgeted Minimum Flexibility Funds to start a systematic program of equipment replacement.)

Faculty and Administrative and Professional Salaries (+6.5%)	\$5,992,700
Other Budget Categories (+7.0%)	\$1,332,400
Total	\$7,325,100

Minimum Flexibility Fund. This proposed budget contains a Minimum Flexibility Fund of \$2.3 million to meet potential shortages in revenue and unexpected costs, or to remedy existing budget deficiencies if other income and expense factors permit. Major income uncertainties for 1978-79 are associated with funding for classified salary increases and potential changes in the indirect overhead reimbursement for research projects funded by the Department of Health, Education, and Welfare. Funds remaining in this Minimum Flexibility category, after covering any shortages of revenue and unusual expenditures, will be used to initiate a systematic equipment replacement program, increase the University's services to part-time students, strengthen graduate programs to ensure their competitive status in a period of nationwide enrollment decline, selectively remedy a series of current budgetary deficiencies, and fund improvements which have a potential for long-range savings.

This Minimum Flexibility Fund will not be adequate to cover all potential shortages that could result from the preceding. In the event that our most pessimistic projections are

June 8, 1978 meeting, Board of Trustees

BUDGET 1978-79 (contd)

realized, we will also use the \$2.0 million reserve the University has traditionally maintained to meet shortages on a temporary basis.

Minimum Flexibility Fund	\$2,318,400
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Savings/Retrenchment. The 1977-78 Budget contained selective base budget savings and retrenchments of \$3.1 million to cover anticipated shortages in revenue. Many of these base budget reductions have been phased over a two-year period to permit a rational process of reduction that would include appropriate changes in staffing patterns as well as reductions in operating and equipment expenditures, some of which may only postpone major expenditures. That base budget reduction program will be completed during 1978-79. These second phase reductions are reflected in the 1977-78 base budgets rather as a change in budgets for 1978-79.

Total Cost of Budget Plan. The total net cost of the proposed budget plan for Unrestricted General Funds is shown below.

Mandated Costs	\$ 5,626,100
College and Office Budget Increases	\$ 7,325,100
Minimum Flexibility Funds	\$ 2,318,400
Total	\$15,269,600

C. RESOURCES TO MEET BUDGET PLAN

Increase in Instructional Subsidy. The appropriations bill for the current biennium (Substitute House Bill 191) will provide an additional \$7.8 million in Instruction Subsidies for 1978-79 from 1977-78 levels, provided the University can meet its targeted enrollment levels. This represents an increase of 7.4 per cent over the 1977-78 subsidy level of \$105,543,100, and will yield an increase of 4.6 per cent to the total Unrestricted General Fund of the University.

Increase in Instructional Subsidy	\$7,828,800
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Funding for Classified Employee Salary Increases. A bill to provide State funding for the salary increases of classified employees is presently under review by committees of the General Assembly. In this proposed Budget, it has been assumed that the University will receive a supplemental allocation to cover the cost of the salary increases of employees on payrolls funded by the Unrestricted General Funds, but not those increases mandated for employees funded through auxiliary or restricted fund payrolls.

Increased State Funding for Classified Employees	\$2,675,000
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BUDGET 1978-79 (contd)

Instructional Fees. It is recommended that full-time undergraduate instructional fees be increased by \$15 per quarter and that increases of \$20 per quarter be implemented for graduate and College of Law students. Increases in these amounts represent 6.1 per cent to 6.5 per cent increases over current levels.

Larger increases have been recommended for students in the Colleges of Dentistry, Optometry, Veterinary Medicine, and Medicine. For the College of Medicine, a major fee increase of \$175 per quarter would represent the second half of an increment from 1976-77 OSU levels to those recommended in Substitute House Bill 191. An increase of \$95 per quarter is recommended for the other graduate professional colleges of Dentistry, Optometry, and Veterinary Medicine. This increase also represents the second half of an increase from 1976-77 OSU levels to those fee levels recommended by state governmental bodies.

Additional increases in non-resident surcharges of \$25 for undergraduate and graduate students and \$30 for graduate professional students are assumed in these revenue projections.

The specific fee schedule recommendations are contained in a separate proposal.

Instructional Fee Increase	\$3,080,000
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General Fee. This proposed budget also assumed a General Fee increase of \$5 from \$60 to \$65 per quarter. Under Ohio law, revenues from the General Fee are to be used in support of "non-instructional institutional services performed for the benefit of enrolled students." At OSU, this includes such things as the operation of the Ohio and Drake Unions, the counseling and consultation center, the student health center, various student organizations, student financial aids, and the intramural and recreational sports program.

There will be a substantial increase in those student service budgets supported by general fees for the coming year. This is a result of compensation increases, inflation and operating costs for Larkins Hall and our other new recreational facilities.

General Fee Increase	\$ 655,000
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Other Income. Revenues from a variety of other sources should realize an increase of \$1.0 million. For example, annualization of the fee increases instituted in the Autumn of 1977-78 should produce additional revenues of approximately \$0.6 million for 1978-79. Other income from federal sources, the University's cash management program, unrestricted endowments, indirect cost recovery from grants and contracts, etc., should produce an additional \$0.4 million. These increases can be applied to meet the revenue needs of the Unrestricted General Funds budgets.

Other Income	\$1,030,800
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June 8, 1978 meeting, Board of Trustees

BUDGET 1978-79 (contd)

Total Additional Revenues

Increase in Subsidy	\$ 7,828,800
Increased Funding for Classified Employees	\$ 2,675,000
Instructional Fees	\$ 3,080,000
General Fees	\$ 655,000
Other Income	\$ 1,030,800
Grand Total	\$15,269,600

D. ADJUSTMENT TO RESOURCE CHANGES

If resources for 1978-79 do not meet expectations, the budget will be cut back accordingly. The obvious areas for reduction would be in those funds that have not yet been committed to offices and colleges; i.e., the Minimum Flexibility Funds. Additionally, we will adopt selectively alternate plans which the various colleges and offices submitted during prior budget reviews. If subsequent events cause us to reevaluate this budget, we will present a revised budget to the Board of Trustees.

IV. RESTRICTED FUNDS AND EARNINGS OPERATIONS

The total budget of \$422,114,000 proposed for 1978-79 contains, in addition to the Unrestricted General Funds Budget and Regional Campus Budgets, projected expenditures of \$222,222,500 in restricted funds and earnings from outside sources. In these categories, the University requires that the operations generally acquire enough funds to support their own activities, and the University Central Administration works with each operation separately to achieve the required solvency through management or fund-raising efforts. With rare exception, based on specific educational or support services provided by the operation, these earnings and restricted funds activities do not encumber our Unrestricted General Funds. Because of important student services performed, the Student Health Center and the Student Unions are projected to receive a total of \$2,136,400 in Unrestricted Fund Support to supplement their earned income.

Current and proposed expenditure levels for these activities are as follows.

	Estimated 1977-78	Proposed 1978-79	Increase
Earnings	\$120,339,600	\$130,067,700	+\$ 9,728,100 + 8.1%
Restricted	83,418,800	92,154,800	+ 8,736,000 +10.5%
Total	\$203,758,400	\$222,222,500	+\$18,464,100 + 9.1%

June 8, 1978 meeting, Board of Trustees

BUDGET 1978-79 (contd)

Proposed income and expenditure levels for 1978-79 are projected to show balances in earnings operations for capital reserve and operating cash purposes.

	1978-79 Proposed Expenditures	1978-79 Projected Income	Variance
Earnings	\$130,067,700	\$133,208,100	\$3,140,400
Restricted	\$ 92,154,800	\$ 92,254,800	\$ 100,000

The final budgets negotiated with these operations are balanced and consistent with University guidelines for compensation and other expenditures. The University Administration has reviewed the income and expenditure plans of these operations and recommends their inclusion in this proposed 1978-79 Budget.

V. RECOMMENDATIONS

It is recommended that

- * The budget as proposed for the fiscal year 1978-79 be approved.
- * The Schedule of Fees for the Autumn Quarter, 1978 be approved.
- * The Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including Salary Rolls with academic promotions and the Fees and Charges for 1978-79 fiscal year and to file these materials with the official records of the University.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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CAPITAL BUDGET REQUEST 1979-85

Resolution No. 78-132

Synopsis: The Capital Budget Request for 1979-85 is presented for review prior to submission to the Ohio Board of Regents.

WHEREAS the Capital Budget Request for 1979-85 contains projects that are directed primarily toward the renovation and replacement of existing facilities, or to meet specialized program needs; and

WHEREAS this Request is consistent with guidelines provided by the Ohio Board of Regents; and

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	1977-78 Revised Budget	1978-79 Proposed Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$134,558	\$145,125
Libraries	7,364	8,235
Other Academic Support	2,464	2,718
Sponsored Programs Administration	2,102	2,244
Student Services	7,038	7,715
Plant Operation	22,826	25,205
Institutional Support	14,081	15,308
Total Instruction and General	\$190,433	\$206,550
Sponsored Research		
Research Foundation	\$ 24,195	\$ 29,675
Engineering Experiment Station	1,818	1,998
University Sponsored Programs	731	913
Other	2,121	1,996
Total Sponsored Research	\$ 28,865	\$ 34,582
Public Service		
University Hospitals	\$ 72,727	\$ 79,298
Cooperative Extension Service	17,925	19,185
University Sponsored Programs	2,353	2,419
Other	16,119	17,339
Conferences	2,160	2,350
Total Public Service	\$111,284	\$120,591

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	1977-78 Revised Budget	1978-79 Proposed Budget
Columbus Campus (contd)		
Scholarships and Fellowships	\$ 5,417	\$ 5,787
Auxiliaries		
Student Housing	\$ 17,932	\$ 19,123
Intercollegiate Athletics	7,620	8,199
University Bookstores	4,467	4,736
Student Health Service	2,262	2,398
Student Unions	2,419	2,480
Parking Facilities	2,405	2,692
University Airport	1,688	1,751
Fawcett Center for Tomorrow	1,268	1,359
Other	1,147	936
Total Auxiliaries	\$ 41,208	\$ 43,674
TOTAL COLUMBUS CAMPUS	\$377,207	\$411,184
Regional Campuses		
Administration	\$ 171	\$ 179
Lima Campus	2,046	2,266
Mansfield Campus	2,219	2,295
Marion Campus	1,313	1,391
Newark Campus	2,023	2,113
Agricultural Technical Institute	2,233	2,521
Wright Patterson Graduate Center	175	165
Total Regional Campuses	\$ 10,180	\$ 10,930
GRAND TOTAL	\$387,387	\$422,114

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1978-79 BUDGETS
(In Thousands)

	1977-78 Estimated Income	1978-79 Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,977	\$141,017
Federal	47,317	52,469
Local	5,231	5,603
Subtotal	\$181,525	\$199,089
Student Fees		
Instruction and General	\$ 54,150	\$ 58,480
Room and Board	15,028	16,113
Other	2,430	2,650
Subtotal	\$ 71,608	\$ 77,243
Other Income		
Auxiliary Sales and Charges	\$ 90,006	\$ 97,890
Department and University Services	18,270	19,622
Endowment Income	2,676	2,745
Gifts and Grants	12,382	13,975
Temporary Investments	2,600	2,800
Subtotal	\$125,934	\$137,032
TOTAL COLUMBUS CAMPUS	\$379,067	\$413,364
Regional Campuses		
Lima Campus	\$ 2,398	\$ 2,566
Mansfield Campus	2,519	2,611
Marion Campus	1,506	1,605
Newark Campus	2,289	2,398
Agricultural Technical Institute	2,402	2,688
Wright Patterson Graduate Center	175	165
TOTAL REGIONAL CAMPUSES	\$ 11,289	\$ 12,033
GRAND TOTAL	\$390,356	\$425,397

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene	0-1	\$ 41	\$ 8	\$ 49	\$ 33	\$ 82
Education	2	53	12	65	66	131
Engineering	3	65	16	81	99	180
Health, Physical Education and Recreation	4	87	21	108	132	240
Humanities	5	108	27	135	165	300
Journalism	6	130	33	163	198	361
Mathematics and Physical Sciences	7	152	38	190	230	420
Music	8	174	43	217	263	480
Natural Resources	9 or more	260	65	325	395	720
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Graduate School	0-1	\$ 41	\$ 8	\$ 49	\$ 33	\$ 82
	2	66	13	79	66	145
	3	83	16	99	99	198
	4	110	22	132	132	264
	5	138	27	165	165	330
	6	165	33	198	198	396
	7	193	38	231	230	461
	8	220	43	263	263	526
	9 or more	330	65	395	395	790
Graduate Professional						
Law	0-3	\$ 88	\$16	\$104	\$127	\$ 231
	4	117	21	138	170	308
	5	146	27	173	212	385
	6	175	32	207	255	462
	7 or more	350	65	415	510	925
Medicine	0-3	\$166	\$16	\$182	\$127	\$ 309
	4	222	21	243	170	413
	5	277	27	304	212	516
	6	333	32	365	255	620
	7 or more	665	65	730	510	1,240
Dentistry	0-3	\$125	\$16	\$141	\$127	\$ 268
Optometry	4	167	21	188	170	358
Veterinary Medicine	5	208	27	235	212	447
	6	250	32	282	255	537
	7 or more	500	65	565	510	1,075

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
University Regional Campuses						
Undergraduate	0-1	\$ 41	\$ 6	\$ 47	\$ 33	\$ 80
	2	53	9	62	66	128
	3	65	12	77	99	176
	4	87	16	103	132	235
	5	108	21	129	165	294
	6	130	25	155	198	353
	7	152	29	181	230	411
	8	174	33	207	263	470
	9 or more	260	50	310	395	705
Graduate	0-1	\$ 41	\$ 6	\$ 47	\$ 33	\$ 80
	2	66	10	76	66	142
	3	83	12	95	99	194
	4	110	16	126	132	258
	5	138	20	158	165	323
	6	165	25	190	198	388
	7	193	29	222	230	452
	8	220	33	253	263	516
	9 or more	330	50	380	395	775

Undergraduate and graduate students enrolled in any quarter, term, or period for nine or more credit hours will be assessed full fees. Fees for undergraduate and graduate students enrolled for eight or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional fee being \$41 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1978 (contd)

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$260	\$65	\$325	\$395	\$720
Agriculture and Home Economics	260	65	325	395	720
Arts and Sciences	260	65	325	395	720
The Arts	260	65	325	395	720
Biological Sciences	260	65	325	395	720
Humanities	260	65	325	395	720
Mathematics and Physical Sciences	260	65	325	395	720
Social and Behavioral Sciences	260	65	325	395	720
Education	260	65	325	395	720
Engineering	260	65	325	395	720
Graduate School	330	65	395	395	790
Dentistry	500	65	565	510	1,075
Dental Hygiene	260	65	325	395	720
Law	350	65	415	510	925
Medicine	665	65	730	510	1,240
School of Allied Medical Professions	260	65	325	395	720
School of Nursing	260	65	325	395	720
Optometry	500	65	565	510	1,075
Pharmacy	260	65	325	395	720
Veterinary Medicine	500	65	565	510	1,075
University College	260	65	325	395	720
University Regional Campuses					
Undergraduate	260	50	310	395	705
Graduate	330	50	380	395	775

June 8, 1978 meeting, Board of Trustees

CAPITAL BUDGET REQUEST 1979-85 (contd)

WHEREAS the Request for the 1979-81 biennium has received a thorough review by the Fiscal Affairs Committee of the Board:

NOW THEREFORE

BE IT RESOLVED, That the accompanying list of capital projects for 1979-81 be submitted to the Ohio Board of Regents in the University's Capital Budget Request for 1979-85, and that the Administration of the University be authorized to enter discussions with the Regents' staff and other governmental representatives to secure funding for a final 1979-81 project list; and

BE IT FURTHER RESOLVED, That the Administration undertake discussions with the Regents' staff, other governmental representatives, and interested community leaders to determine the feasibility and funding source, or sources, for a Cancer Institute to contain inpatient and outpatient treatment facilities along with research and teaching facilities.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION FOR THE TREASURER OF THE UNIVERSITY
TO SERVE AS TRUSTEE FOR UNITRUSTS AND ANNUITY TRUSTS**

Resolution No. 78-133

Synopsis: Authorization for Treasurer of The Ohio State University to serve as Trustee for Unitrusts and Annuity Trusts.

WHEREAS The Ohio State University Development Fund has requests for the University or its designee, to serve as Trustee of charitable remainder unitrusts or charitable remainder annuity trusts, in order to minimize the expense of the trust by not having a bank serve as Trustee:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University be and he is hereby authorized to serve as Trustee for any charitable remainder unitrusts and charitable remainder annuity trusts in which The Ohio State University is the charitable remainder beneficiary; and to execute as Trustee on behalf of the University, any and all documents approved by University legal counsel, which are required to complete such gifts.

Upon motion of Mr. Devenow, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 8, 1978 meeting, Board of Trustees

CAPITAL BUDGET REQUEST 1979-81
PROJECT LIST

COLUMBUS CAMPUS

McPherson Laboratory Replacement	\$ 8,200,000
Agricultural Engineering Building Replacement	5,200,000
Utilities and Renovations	16,766,000
TOTAL	\$30,166,000

HEALTH SCIENCES

Veterinary Sciences Facility	\$ 4,100,000
Cancer Center Research Laboratory	4,000,000
TOTAL	\$ 8,100,000

OFF CAMPUS

Agricultural Technical Institute - Phase III	\$ 5,200,000
Marion Campus - Phase III	1,500,000
Cooperative Extension Centers	1,080,000
TOTAL	\$ 7,780,000

REGENTS' BARRIER REMOVAL PROGRAM

Architecture Barrier Removal - All Campuses	\$ 954,000
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PERSONNEL ACTIONS

Resolution No. 78-134

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation; Appointments; Reappointments of Chairmen of Departments and Divisions, and Directors of Schools and Center; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the May 5, 1978 meeting of the Board, including the following Resignation; Appointments; Reappointments of Chairmen of Departments and Divisions, and Directors of Schools and Center; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budgets for 1977-78 and 1978-79 be approved.

Resignation of William J. Holloway

President Enarson:

I would like to call the Board's attention to the forthcoming resignation of Dr. William Holloway who I am pleased to see is with us here today. Bill has indicated his intention to resign his position as Vice Provost for Minority Affairs in the Office of Academic Affairs, effective August 31, 1978. I am very pleased, as we all are, that Dr. Holloway will continue as Professor in the College of Education. I intuit that Dr. Kuhn would like to add a comment on this but before he does, I would simply like to take this opportunity to express publicly my appreciation to you, Dr. Holloway, for your fine service over the years. It's been a privilege to be associated with you. I have enjoyed our friendship. I certainly have the greatest respect for you. Although I am sorry that we will be losing you in an administrative role, we look to you for continued help, support, encouragement, and the kind of constructive criticism that you have brought to a very difficult assignment.

Dr. Kuhn:

I wrote Bill a letter this morning expressing to him my appreciation for his having been in my office for the past seven years. Bill preceded me in my office. He was the first Vice Provost for Minority Affairs. I said in part to Bill in my letter to him that I've learned a great deal from him about effective administration, about stamina in the face of stress, about caring for all people, about good humor, about wanting to do one's very best for the University. These are among a few things, Bill, that I prize about our association. Of course, we wish you well in education.

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Mrs. James:

I would like to comment also. I have known Dr. Holloway since I first was appointed to this Board and I will personally miss him greatly. I think that one description of the service his office, the Office of Minority Affairs, provides through his leadership is tender, loving care. I think he, through his efforts and tireless energy, has been able to help provide educational opportunities for minority students who might never have had that opportunity. I am delighted that he is going to stay on campus; also, that he can impart his experience--wide ranges of experience--and knowledge to the students at this University. At least I'll get to see him occasionally. He won't be gone forever. I certainly wish him well. I am sure that other members of the Board do too.

Resignation

WILLIAM J. HOLLOWAY has indicated his intention to resign his position as Vice Provost for Minority Affairs, Office of Academic Affairs, effective August 31, 1978. He will continue as Professor in the College of Education.

Appointments

Name: WILLIAM R. NESTER
Title: Vice President for Student Services
Office: Student Services
Effective: August 21, 1978
Salary: \$45,000.00
Present Position: Associate Senior Vice President and Associate Provost for Academic Affairs, University of Cincinnati, Cincinnati, Ohio

Name: JAMES W. KRISTOFF
Title: Treasurer
Office: Business and Administration
Effective: July 1, 1978
Salary: \$39,000.00
Present Position: Vice President, The Standard Savings and Loan Company, Columbus, Ohio

Name: PATRICK R. DUGAN
Titles: Acting Dean, College of Biological Sciences, and Professor, Department of Microbiology
Effective: July 1, 1978
Salary: \$40,320.00 (12 months)
Present Position: Professor, Department of Microbiology

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: ELSIE J. ALBERTY
Titles: Professor and Chairman
Academic Faculty: Educational Foundations and Research
Effective: July 1, 1978
Salary: \$37,548.00 (12 months)
Present Position: Professor and Chairman, Academic Faculty of Curriculum and Foundations

Name: EUGENE R. CAPRIOTTI
Titles: Professor and Chairman
Department: Astronomy
Effective: October 1, 1978
Salary: \$30,000.00 (3 quarters)
Present Position: Professor, Department of Astronomy

Name: MARTIN D. KELLER
Titles: Professor and Chairman
Department: Preventive Medicine
Effective: July 1, 1978
Salary: \$43,680.00 (12 months)
Present Position: Professor and Acting Chairman, Department of Preventive Medicine

Name: J. ROBERT WARMBROD
Titles: Professor and Chairman, Department of Agricultural Education (90%), and Professor, Cooperative Extension Service (10%)
Effective: July 1, 1978
Salary: \$36,240.00 (12 months)
Present Position: Professor, Department of Agricultural Education

Name: G. ROBERT HOLSINGER
Titles: Associate Professor and Acting Director
School: Journalism
Effective: July 1, 1978
Salary: \$ 6,171.00 (Summer quarter)
\$23,760.00 (3 quarters)
Present Position: Associate Professor, School of Journalism

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: JOSEPH H. LYNCH
Titles: Associate Professor, Department of History (50%),
and Director, Center for Medieval and Renaissance
Studies (50%)
Effective: October 1, 1978
Salary: \$23,040.00 (3 quarters)
Present Position: Associate Professor, Department of History (100%)

Name: GISELA VITT
Titles: Associate Professor, Department of German (50%),
and Associate Professor and Chairman, Division of
Comparative Studies in the Humanities (50%)
Effective: October 1, 1978
Salary: \$23,520.00 (3 quarters)
Present Position: Associate Professor, Department of German (100%)

Name: HOWARD G. CRANE
Titles: Assistant Professor and Chairman
Department: History of Art
Effective: October 1, 1978
Salary: \$19,200.00 (3 quarters)
Present Position: Assistant Professor, Department of History of Art

Reappointment of Chairmen of Departments and/or Divisions and Directors of Schools

July 1, 1978 through June 30, 1982

Allied Medical Professions	Robert J. Atwell
Ceramic Engineering	William B. Shook
City and Regional Planning	Jerrold R. Voss
Dairy Science	Glen H. Schmidt
Horticulture	Howard A. Rollins, Jr.
Industrial and Systems Engineering	Albert B. Bishop
Pharmacology	Joseph R. Bianchine
Physiology	Heinz P. Pieper
Psychology	Samuel Osipow
Sensory Biophysics	H. Richard Blackwell
Sociology	Kent P. Schwirian

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments and/or Divisions and Directors of Schools
(contd)

July 1, 1978 through June 30, 1981

Agricultural Engineering	Gordon L. Nelson
Clinical Pharmacy and Professional Practice	Don C. McLeod
Pharmacology (Pharmacy)	Allan M. Burkman

July 1, 1978 through June 30, 1980

Finance	Andrew H. Chen
Medicinal Chemistry	Donald T. Witiak
Pharmaceutics and Pharmaceutical Chemistry	Louis Malspeis

July 1, 1978 through June 30, 1979

Administrative and Social Sciences	T. Donald Rucker
Aeronautical and Astronautical Engineering	Garvin L. Von Eschen
Medicine	James V. Warren
Pharmacognosy and Natural Products	Jack L. Beal
Statistics	Ransom Whitney
Welding Engineering	Roy B. McCauley

October 1, 1978 through September 30, 1982

Art Education	Kenneth Marantz
Public Administration	Clinton V. Oster

October 1, 1978 through September 30, 1979

Hebrew Languages and Literatures	Yehiel Hayon
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Leaves of Absence Without Salary

M. ROE SMITH, Associate Professor, Department of History, effective October 1, 1978 through September 30, 1979, to accept a postdoctoral fellowship at the Regional Economic History Research Center, Eleutherian Mills Library, Greenville, Delaware.

VALERIE ANNE CAIRES, Assistant Professor, Department of Classics, effective October 1, 1978 through September 30, 1979, to accept a Fulbright grant to carry out research in Greece.

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

RAFAEL F. CASTILLO, Assistant Professor, Department of Romance Languages and Literatures, effective October 1, 1978 through September 30, 1979, to return to Spain to comply with a residency requirement stipulated by the U. S. Immigration Service.

RICHARD EWING, Assistant Professor, Department of Mathematics, effective October 1, 1978 through September 30, 1979, to accept a Visiting Assistant Professorship in the Mathematics Research Center at the University of Wisconsin for the academic year 1978-79.

PENELOPE S. GRIFFING, Assistant Professor, Department of Family Relations and Human Development, effective July 1, 1978 through August 31, 1978, for personal reasons.

SHIRLEY JEAN SCHWARZ, Assistant Professor, Department of History of Art, effective April 1, 1978 through September 30, 1978, to continue research and writing of articles which are to be published by Lexicon Iconographicum Classicae.

ROYALL TYLER, Assistant Professor, Department of East Asian Languages and Literatures, effective October 1, 1978 through September 30, 1979, to accept a fellowship awarded by the Japan Foundation.

JAMES D. WILSON, Assistant Professor, Agricultural Technical Institute, effective July 1, 1978 through August 31, 1978, to pursue a program of professional improvement at Indiana University of Pennsylvania.

ALAN L. WOODS, Assistant Professor, Department of Theatre, effective October 1, 1978 through September 30, 1979, to accept a Visiting Professorship of Theatre and Drama at Indiana University.

KATSUHIKO MOMOI, Instructor, Department of East Asian Languages and Literatures, effective October 1, 1978 through September 30, 1979, for personal and educational reasons.

Professional Improvement Leaves

RICHARD M. WILSON, Professor, Department of Mathematics, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

ROBERT GOLD, Associate Professor, Department of Mathematics, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

RICHARD H. BOHNING, College of Biological Sciences, with the title Dean Emeritus, effective July 1, 1978.

ROBERT BARTELS, Academic Faculty of Marketing, with the title Professor Emeritus, effective July 1, 1978.

RALPH E. BENDER, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1978.

WILLIAM J. BRAKEL, Department of Dairy Science, with the title Professor Emeritus, effective July 1, 1978.

JULIA I. DALRYMPLE, Department of Home Economics Education, with the title Professor Emeritus, effective July 1, 1978.

ANDREAS DORPALEN, Department of History, with the title Professor Emeritus, effective July 1, 1978.

IRMA EGLITIS, Department of Anatomy, with the title Professor Emeritus, effective July 1, 1978.

GEORGE E. HARDESTY, School of Music, with the title Professor Emeritus, effective July 1, 1978.

LEWIS A. HESS, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1978.

NICHOLAS HOLOWAYCHUK, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1978.

RICHARD H. HOPPIN, School of Music, with the title Professor Emeritus, effective September 1, 1978.

ROBERT D. KING, Department of Art, with the title Professor Emeritus, effective July 1, 1978.

PAUL R. KLOHR, Academic Faculty of Curriculum and Foundations, with the title Professor Emeritus, effective July 1, 1978.

MELVIN S. NEWMAN, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1978.

June 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WILLIAM PETERSEN, Department of Sociology, with the title Professor Emeritus, effective September 1, 1978.

JAMES I. WATTERS, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1978.

WILLIAM A WAYT, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective May 1, 1978.

DONALD G. WOOD, Department of Industrial Design, with the title Professor Emeritus, effective July 1, 1978.

VELMA V. EVERHART, Department of Home Management and Housing, with the title Associate Professor Emeritus, effective July 1, 1978.

JEANNE E. ORR, Academic Faculty of Early and Middle Childhood Education, with the title Associate Professor Emeritus, effective July 1, 1978.

RALPH E. ANGELO, Department of Romance Languages and Literatures, with the title Assistant Professor Emeritus, effective September 1, 1978.

GLENN H. GOODMAN, Department of German, with the title Assistant Professor Emeritus, effective July 1, 1978.

ELIZABETH M. MOTE, Department of Microbiology, with the title Assistant Professor Emeritus, effective July 1, 1978.

JOHN HUNTER WILSON, Department of Agronomy, with the title Instructor Emeritus, effective July 1, 1978.

Upon motion of Mr. Smith, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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ELECTION OF TREASURER

Resolution No. 78-135

WHEREAS Rule 3335-1-02, Paragraph (B) of the Administrative Code, provides for replacement of Board officers through election; and

June 8, 1978 meeting, Board of Trustees

ELECTION OF TREASURER (contd)

WHEREAS Mr. James W. Kristoff has been appointed Treasurer of the University, effective July 1, 1978;

NOW THEREFORE

BE IT RESOLVED, That Mr. James W. Kristoff be elected Treasurer of this Board.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 78-136

Synopsis: The report on contracts, grants and gifts and the summary for April is presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of April, 1978, be approved.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1978

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 17,000.00
The Ohio State University Research Foundation	53	3,009,010.57
The Engineering Experiment Station	2	30,000.00
		\$3,056,010.57
The Ohio State University Development Fund	4,403 Donors	\$ 689,400.45
Establishment of Endowed Chair		
The S. Robert Davis Chair of Medicine (College of Medicine)		\$ 920,000.00
Establishment of Named Funds		
The John Milton Costello Memorial Scholarship Fund (Undergraduate students from Sandusky, Ohio)		\$ 147,500.00

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1978 (contd)

Establishment of Named Funds (contd)

The Lee D. Moody Scholarship Fund (Department of Civil Engineering)	\$30,288.03
The Bertha T. Johnson Fund for Education in Epilepsy (Department of Pediatrics)	15,000.00
Dai Ho Chun Graduate Fellowship Fund (Graduate Fellowship - College of Education)	7,672.00
Geraldine Kennedy Groscost Memorial Fund (College of Medicine)	250.00

June 8, 1978 meeting, Board of Trustees

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Industrial and Other Contract/Grant

\$17,000.00 - Northwestern University, Committee on Institutional Cooperation, Evanston, Illinois, CIC+ Midwest Program for Minorities in Engineering, College of Engineering (M. L. Smith), September 1, 1977 through August 31, 1978. (Grant No. 77-4-2)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$352,331.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in vivo* Bioassay for Environmental Agents Producing DNA Damage, Departments of Radiology (R. W. Hart), Pharmacology (D. T. Witiak), and Veterinary Pathobiology (A. Koestner), 26 September 1977 through 25 December 1978. (Project 760840 - Continuation)

\$182,470.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 29 March 1978 through 31 March 1981. (Project 711090 - New)

\$122,113.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine (H. G. Cramblett), 1 April 1978 through 31 March 1979. (Project 711084 - New)

\$110,391.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 May 1978 through 30 April 1979. (Project 711107 - Continuation)

\$98,558.00 - Department of Energy, Albuquerque, New Mexico, Salt-Gradient Solar Pond Development, Department of Physics (C. E. Nielsen), 1 April 1978 through 30 April 1979. (Project 710793 - Continuation)

\$91,529.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Carcinogenic, Mutagenic and Cytotoxic Mechanism (DMBA), College of Pharmacy (D. T. Witiak), 1 April 1978 through 31 March 1979. (Project 711091 - Continuation)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$86,503.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School (J. B. LaPidus), 1 April 1978 through 31 March 1979. (Project 711093 - Continuation)

\$84,375.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1978 through 30 April 1979. (Project 711104 - Continuation)

\$73,841.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Expression of Epstein-Barr Virus in Hybrid Cells, Department of Medical Microbiology (R. Glaser), 1 April 1978 through 31 March 1979. (Project 711083 - New)

\$68,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, A Synergistic Investigation of the Infrared Water Vapor Continuum, ElectroScience Laboratory, Department of Electrical Engineering (R. K. Long and R. J. Nordstrom), 1 April 1978 through 31 March 1979. (Project 784701 - Continuation)

\$65,291.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 June 1978 through 31 March 1979. (Project 784115 - Continuation)

\$54,851.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1978 through 31 March 1979. (Project 711087 - Continuation)

\$54,504.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1978 through 31 March 1979. (Project 711081 - Continuation)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$54,328.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Study the External Gravity Potential of the Earth and Geodetic Parameters Affected by Gravity, Department of Geodetic Science (U. A. Uotila and R. H. Rapp), 1 April 1978 through 30 September 1978. (Project 764214 - Continuation)

\$54,221.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Mechanisms of Lymphoid Cell Differentiation, Department of Anatomy (R. L. St. Pierre), 1 May 1978 through 30 April 1979. (Project 711106 - Continuation)

\$51,767.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Regulation of Lipogenesis by Polyunsaturated Fats, Department of Food Science and Nutrition (S. D. Clarke), 1 April 1978 through 31 March 1979. (Project 711085 - New)

\$49,870.00 - Department of the Navy, Naval Weapons Center, China Lake, California, A Study of Airborne Effects on Antenna Pattern Performance, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 17 April 1978 through 16 April 1979. (Project 711095 - New)

\$49,700.00 - National Science Foundation, Washington, D. C., Chemical and Structural Relationships Among the Intermediate Boron Hydrides: Applications to Metal Cluster and Mixed Boron Metal Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1978 through 31 August 1979. (Project 784509 - Continuation)

\$42,513.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Plasmalogenase and White Matter Injury, Department of Physiological Chemistry (L. A. Horrocks), 1 April 1978 through 31 March 1979. (Project 711078 - New)

\$41,257.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1978 through 31 March 1979. (Project 711057 - Continuation)

\$40,572.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nucleotidyl and Phosphotransferase Stereochemistry, Department of Chemistry (P. A. Frey), 1 April 1978 through 31 March 1979. (Project 711082 - New)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$38,088.00 - Department of Agriculture, Soil Conservation Service, Columbus, Ohio, funding jointly with Ohio Department of Natural Resources, Division of Water, Columbus, Ohio, A Biological Evaluation of Stream Improvement and Structures in the Chippewa Creek Watershed Protection and Flood Prevention Project, Department of Zoology (B. Griswold and R. Carline), 24 April 1978 through 23 April 1981. (Project 711102 - New)

\$34,297.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1978 through 31 March 1979. (Project 711086 - Continuation)

\$32,473.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (C. R. Smith), 1 April 1978 through 31 March 1979. (Project 711099 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D. C., Geochronology and Strontium Isotope Geochemistry of Possible Columbia River Basalt Equivalents, Western Cascades, Oregon, Department of Geology and Mineralogy (J. F. Sutter), 15 February 1978 through 28 February 1979. (Project 711039 - New)

\$22,462.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science Project, Department of Physics (W. R. Riley), 10 April 1978 through 30 September 1979. (Project 711101 - New)

\$21,995.00 - National Science Foundation, Washington, D. C., Geochemistry and Byrd-Darwin Glacier Area, Transantarctic Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 April 1978 through 31 March 1979. (Project 711094 - New)

\$21,787.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1978 through 30 June 1979. (Project 784734 - Continuation)

\$20,222.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1978 through 31 March 1979. (Project 711089 - New)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,073.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pituitary-Adrenergic-Ovarian Vasomotor Interaction, Department of Physiology (K. M. Hanson), 1 April 1978 through 31 March 1979. (Project 711088 - Continuation)

\$20,022.00 - National Science Foundation, Washington, D. C., Coronary Artery Fluid Mechanics and Arterial Disease, Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 April 1978 through 31 March 1979. (Project 711080 - New)

\$7,428.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., An Empirical Study of Failure to Appear Rates Among Accused Offenders: Construction and Validation of a Prediction Scale, School of Public Administration (H. E. Allen and C. W. Eskridge), 1 April 1978 through 30 September 1978. (Project 711073 - New)

\$6,984.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Shock Probation in Ohio: A Comparison of Attributes and Outcome, School of Public Administration (H. E. Allen and G. F. Vito), 29 March 1978 through 28 March 1979. (Project 711074 - New)

\$6,380.00 - Department of State, Agency for International Development, Washington, D. C., Human Services Program Development and Implementation: An AID (Agency for International Development) Orientation, College of Social Work (R. M. Ryan), 3 October 1977 through 17 February 1978. (Project 711067 - New)

\$5,070.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., An Economic Analysis of Criminal Courts, Department of Economics (B. M. Fleischer and P. J. Koëinig), 5 April 1978 through 4 April 1979. (Project 711100 - New)

\$4,979.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, The Center for Vocational Education (R. E. Taylor), 14 September 1977 through 13 September 1978. (Project 710777 - Continuation)

\$3,565.00 - National Endowment for the Humanities, Washington, D. C., Consultant for Curricular Development in Comparative Studies in the Humanities, Division of Comparative Studies in the Humanities (S. Van Den Berg), 1 January 1978 through 31 May 1978. (Project 711065 - New)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$500.00 - Department of the Army, U. S. Army Engineer District, Buffalo, Buffalo, New York, Great Lakes Shoreline Damage Survey for the State of Ohio - Phase II, Department of Civil Engineering (K. W. Bedford) and Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 1 January 1978 through 31 May 1978. (Project 710532 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$2,125,310.00

State of Ohio Research Contracts/Grants

\$53,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, The Ohio Public Executive Program, School of Public Administration (J. Stanley), 1 April 1978 through 31 March 1979. (Project 711069 - New)

\$27,000.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, The Ohio Public Executives Program, School of Public Administration (J. Stanley), 1 April 1978 through 31 March 1979. (Project 711070 - New)

\$22,250.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, The Development of Purchasing and Energy Related Operating Guidelines for Ohio Cities, Graduate School (R. Bailey), 1 February 1978 through 3 January 1979. (Project 711110 - New)

\$21,600.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, The Ohio Public Executives Program, School of Public Administration (J. Stanley), 1 April 1978 through 31 March 1979. (Project 711109 - New)

\$7,290.00 - State of Ohio, Program in the Humanities, Columbus, Ohio, Women in Film, Department of Romance Languages and Literatures (J. Mayne) and Office of Women's Studies (M. I. Moffitt), 10 March 1978 through 31 October 1978. (Project 711077 - New)

\$4,412.00 - State of Ohio, Program in the Humanities, Columbus, Ohio, Black Men in a Changing Society, Department of Black Studies (T. Hamilton), 10 March 1978 through 30 June 1978. (Project 711097 - New)

\$4,232.16 - State of Ohio, Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine (E. Johnson) and The Ohio State University Hospitals (J. L. Judge), 1 October 1977 through 30 September 1978. (Project 710875 - Continuation)

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$1,000.00 - State of Ohio, Program in the Humanities, Columbus, Ohio, Development of a Script for the Proposed Film of Sinnett House in Granville, Department of Psychology - Newark Campus (R. Scott), 7 March 1978 through 31 May 1978. (Project 711075 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$140,784.16

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$694,650.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (R. W. Staehle), 1 January 1978 through 31 December 1978. (Project 710928 - New)

\$14,615.00 - University of Illinois, Urbana, Illinois, Induced Migration and Labor Force Impacts of Energy Facility Development in the Ohio River Basin Energy Study (ORBES) Region, Department of City and Regional Planning (B. Von Rabenau), 1 April 1978 through 31 August 1978. (Project 711103 - New)

\$10,891.41 - American Board of Internal Medicine, Philadelphia, Pennsylvania, American Board of Internal Medicine - Model for Evaluation and Recertification through Individualized Testing (MERIT) - Phase III, College of Medicine - Administration (R. E. Pengov), 1 April 1978 through 30 June 1978. (Project 710591 - Continuation)

\$9,500.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 13 March 1978 through 31 October 1978. (Project 784638 - Continuation)

\$7,500.00 - New Mexico State University, Las Cruces, New Mexico, Background RCS of Target Support for RATSCAT Ground Plane Range, ElectroScience Laboratory, Department of Electrical Engineering (R. C. Rudduck), 16 December 1977 through 30 June 1978. (Project 784698 - Continuation)

\$3,360.00 - Ohio Education Association, Columbus, Ohio, Professional Development Workshop for 1978, College of Education (D. P. Anderson), 1 January 1978 through 31 August 1978. (Project 711014 - Continuation)

\$2,400.00 - Central Ohio Area Agency on Aging, Columbus, Ohio, Program Administration and Development: A Proposed Course of Study, College of Social Work (R. O. Washington), 1 October 1977 through 30 September 1978. (Project 711068 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-
FEDERAL RESEARCH CONTRACTS/GRANTS \$742,916.41**

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research

\$20,000.00 - Picker Corporation, Highland Heights, Ohio, for Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Department of Mechanical Engineering (Nuclear Engineering), April 15, 1978 through May 31, 1978. (EES 534, Extension No. 2)

\$10,000.00 - Aramco Service Company, Houston, Texas, for Determination of Preheat Conditions for Welding High-Strength Low Alloy Pipe Materials, Department of Welding Engineering, April 11, 1978 through April 10, 1979. (EES 580)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$39,649.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$35,000.00 - International Business Machines Corporation, Armonk, New York: \$10,000.00 for the Affirmative Action Program in Engineering; \$5,000.00 for the Minority Assistance Program in the College of Administrative Science; and \$20,000.00 for the IBM-MBA-MIS Fund.

\$14,765.99 - Systems Associates, Columbus, Ohio: \$8,437.81 for the Department of Medicine General Fund and \$6,328.18 for the Cardiology Support Fund.

\$14,600.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$13,477.22 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$13,000.00 - Grange Mutual Casualty Company, Columbus, Ohio, for the WOSU Support Fund.

\$10,000.00 - Columbus Bituminous Concrete Corporation, Columbus, Ohio (given in the name of Ralph W. Anderson), for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Eli Lilly and Company, Indianapolis, Indiana: \$7,500.00 for the Eli Lilly and Company Organic Chemistry Research Fund and \$2,500.00 for the Hoffmann-LaRoche, Inc., Research Fund.

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$10,000.00 - Mid-Ohio Automotive, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Sidney L. Pressey, Columbus, Ohio, for the University Honors Fund.

\$7,547.36 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio (given in the name of Frederick H. Davidorf): \$4,113.87 for the Retina Research Fund; \$2,148.49 for the Ophthalmology Photography Fund; and \$1,285.00 for the Ophthalmology Art Work Rotary.

\$7,282.37 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,245.61 - Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$6,081.00 - Sisa Incorporated, Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$5,043.20 - Richard H. Keates, M.D., Inc., Columbus, Ohio (given in the name of Richard H. Keates), for the Eye Bank Fund.

\$5,000.00 - Elizabeth M. Boutselis (Mrs.), Columbus, Ohio, for the EPR-OBS Fund.

\$5,000.00 - Carol K. Cornell (Mrs.), Westerville, Ohio, for the Merriss Cornell Memorial Fund - College of Social Work.

\$5,000.00 - Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

Establishment of Named Funds

The John Milton Costello Memorial Scholarship Fund

The John Milton Costello Memorial Scholarship Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from John Milton Costello, B.A. '16, of Cleveland Heights, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of the The Ohio State University, with the right to invest and reinvest as occasion dictates.

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The John Milton Costello Memorial Scholarship Fund (contd)

The annual income is to be used to provide scholarships for students of average ability who have need for financial assistance. Mr. Costello's bequest read as follows: "Not the brightest student nor the most underprivileged - just an average student." The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students from Sandusky, Ohio.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

The Lee D. Moody Scholarship Fund

The Lee D. Moody Scholarship Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Lee D. Moody, B.S.C.E. '32, of Springfield, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships and interest free loans for graduate and undergraduate students in the Department of Civil Engineering. The selection of the recipient is to be made by the Chairman of the Department of Civil Engineering. Loan repayments will be as directed by the Department Chairman and the Student Financial Aids Office and such monies will be added to the fund's annual income.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for civil engineering education.

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

Establishment of Named Funds (contd)

The Bertha T. Johnson Fund for Education in Epilepsy

The Bertha T. Johnson Fund for Education in Epilepsy was established June 8, 1978, by the Board of Trustees of The Ohio State University with a grant to The Ohio State University Development Fund from the Bertha T. Johnson Charitable Trust.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to fund a one or two day program featuring prominent professionals in the field of epilepsy education. If sufficient funds are made available, a monograph of the symposium will be printed. Requisitions to underwrite the cost of the program will be initiated by the Chairman of the Department of Pediatrics and approved by the Dean of the College of Medicine.

Should the need for the Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairman of the Department of Pediatrics with the approval of the Dean of the College of Medicine.

Dai Ho Chun Graduate Fellowship Fund

The Dai Ho Chun Graduate Fellowship Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dai Ho Chun, Ph.D. '47, of Honolulu, Hawaii.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more graduate fellowships for students who have demonstrated qualities of leadership and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Education. Preference is to be given to students specializing in curriculum.

Should the need for these graduate fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for curriculum education.

June 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Geraldine Kennedy Groscost Memorial Fund

The Geraldine Kennedy Groscost Memorial Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Arthur G. Groscost, B.A. '36 and M.D. '39, Sandusky, Ohio, in memory of his wife, Geraldine Kennedy Groscost.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$5,000. At that time, the income is to be used to support a College of Medicine scholarship. Selection of the recipient(s) along with the approval of the expenditures from this fund is to be made by the Dean of the College of Medicine in conjunction with the Director of Financial Aids. The scholarship is to be awarded on the basis of academic performance and need. First preference will be given to students entering their first year of medical training. If there are no candidates meeting the aforementioned criteria, or if an upperclass medical student has demonstrated outstanding scholarship and need, then the scholarship may be awarded at the discretion of the Dean of the College of Medicine in conjunction with the Director of Financial Aids.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

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PLANS AND SPECIFICATIONS

Resolution No. 78-137

Synopsis: Plans and specifications have been completed for six projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following projects are presented for approval:

June 8, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

GAS LINE REPLACEMENT

Project: Remove and replace deteriorated gas lines; North Oval tunnel, through 17th Avenue and North Neil Avenue tunnels, South Oval tunnel, South Neil Avenue tunnel, 12th Avenue tunnel and 11th Avenue tunnel. New installation will increase operating pressure.

Funding: H.B. 618 (Utilities and Renovation - 1977-79 Biennium)

Estimated Project Cost: \$155,000.00

WEST CAMPUS - PARKING LOT REPAIR AND RESURFACING

Project: Repair and surface treat existing parking lot South of Carmack Road due to deterioration. This parking lot has existed since the first building was constructed on the West Campus with no repairs until this project was initiated.

Funding: Budget Account 885071 (Parking Revenues)

Estimated Project Cost: \$135,500.00

BARNEBEY CENTER IMPROVEMENTS

Project: Improvements will correct deficiencies and deteriorated condition of the facility.

Funding: H.B. 810, Item 315-074 (Utilities and Renovation, 1977-79 Biennium Reappropriation)

Estimated Project Cost: \$100,000.00

RESEARCH CENTER ROOF REPAIRS (PHASE III)

Project: This work is a continuation of the project to repair the roof on the Research Center at 1314 Kinnear Road. The roof was badly deteriorated due to age; Phase II of this work was completed in November of 1976.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$95,700.00

June 8, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

CUNZ HALL WINDOW IMPROVEMENTS

Project: Replacements of windows on second, third and fourth floors with aluminum framed windows, each having operating sash which will assist our continuing energy conservation program by allowing occupants, on weekends, to have operational windows, without the use of the building ventilation system.

Funding: H.B. 618 (Utilities and Renovation - 1977-79 Biennium)

Estimated Project Cost: \$50,000.00

WATTS HALL, VENTILATION MODIFICATIONS

Project: Improve ventilation on the fourth floor of Watts Hall. The selection of equipment will continue the energy conservation program requirements at the University.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$30,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUND

Resolution No. 78-138

Synopsis: Contracts have been awarded for one project to the lowest and best bidders in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for the following project:

June 8, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

OHIO STADIUM REPAIRS 1978

Description: Continuation of the repairs to "C" deck, Sections 15, 17, 19, 21, 23, 25 and 27 of the Ohio Stadium. The most severely deteriorated sections of "C" deck were repaired in 1975 and 1977. The work on this project will continue the work necessary to prevent further deterioration of these areas.

General Contract

Date Received:	May 10, 1978
No. of Bids:	2
Low Bid:	\$200,437.00*
High Bid:	\$313,840.00*
Estimate of Cost:	\$277,595.00*
Awarded to:	Raymond E. Kelley, Inc. (Bowmansville, New York)

Plumbing Contract

Date Received:	May 10, 1978
No. of Bids:	3
Low Bid:	\$ 6,550.00*
High Bid:	\$ 8,540.00*
Estimate of Cost:	\$ 19,000.00*
Awarded to:	Farber Corporation (Columbus, Ohio)

Total All Contracts: \$206,987.00

Total Contingency Allowance: \$ 12,419.22 which is 6 per cent of construction costs

Total Project Cost: \$270,000.00

Funding: Budget Account 316550 (Athletic Revenue)

* Recommended Alternates reflected in these figures,

June 8, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

OHIO STADIUM REPAIRS 1978 (contd)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, various construction and renovation projects were bid, contracts recommended for award, establishment of contingency fund and expenditures of project funds are hereby reported.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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TREASURER'S BOND

Resolution No. 78-139

Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS pursuant to Section 3335.05 of the Ohio Revised Code, it is required that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines:

NOW THEREFORE

BE IT RESOLVED, That the bond of James W. Kristoff, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$500,000.

Upon motion of Mr. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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LEASE OF LAND, BUILDINGS AND APPURTENANCES - WOOSTER TOWNSHIP

Resolution No. 78-140

Synopsis: Lease agreement proposed between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center for 8.13 acres of land.

June 8, 1978 meeting, Board of Trustees

LEASE OF LAND, BUILDINGS AND APPURTENANCES - WOOSTER TOWNSHIP (contd)

WHEREAS Section 903.011, Ohio Revised Code, provided that the Board of Trustees of The Ohio State University may enter into a lease with the Board of Control of the Ohio Agricultural Research and Development Center authorizing said Board of Trustees of The Ohio State University the use of lands for the operation of the Agricultural Technical Institute and related facilities; and

WHEREAS the Center has custody and control of certain lands, buildings and appurtenances owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and

WHEREAS it is the desire of the parties that the University have the use of these lands, buildings and appurtenances for the operation of an Agricultural Technical Institute and related facilities, specifically a dairy teaching facility; and

WHEREAS the parties propose utilization of the land, buildings and appurtenances in accordance with the provisions of Section 903.011, Ohio Revised Code:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to act on behalf of the University to enter into a lease agreement between the Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center to provide for the lease of 8.13 acres of land, more or less, buildings and appurtenances, for the operation of the Agricultural Technical Institute and related facilities located in Wooster Township, Wayne County, Ohio.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LEASE OF LAND AND EASEMENT
ACKERMAN ROAD AND OLENTANGY RIVER ROAD**

Resolution No. 78-141

Synopsis: Lease of land and easement at Ackerman Road and Olentangy River Road requested by City of Columbus.

WHEREAS the State of Ohio, The Ohio State University, has title to the following property: a portion of Quarter Section 3, Township 1, Range 18, United States Military Lands, described in a deed to the State of Ohio, deed book 966, page 339, Franklin County records, located at the northwest corner of Olentangy River Road and Ackerman Road, Columbus, Franklin County, Ohio; and

LEASE

This lease, made this day of by and between the Board of Control of the Ohio Agricultural Research and Development Center, as the Grantor (hereinafter referred to as "The Center"), and the Board of Trustees of The Ohio State University, as the Grantee (hereinafter referred to as "The University"), pursuant to the provisions of Section 903.011, Ohio Revised Code.

WITNESSETH:

WHEREAS, The Center has custody and control of certain lands, buildings and appurtenances owned by the State of Ohio and located in Wooster Township, Wayne County, Ohio; and,

WHEREAS, it is the desire of the parties hereto that The University have the use of these lands, buildings and appurtenances for the construction and operation of an Agricultural Technical Institute and related facilities, specifically a dairy teaching facility; and,

WHEREAS, the parties propose utilization of the land, buildings and appurtenances in accordance with the provisions of Section 903.011, Ohio Revised Code.

NOW, THEREFORE, in consideration of the benefits to accrue to The University and to The Center, and to the State of Ohio, and pursuant to the authority vested in it pursuant to Section 903.011, Ohio Revised Code. The Center hereby lets, leases, grants and delivers to The University the use of the land, buildings and appurtenances described as follows:

LEGAL LAND DESCRIPTION:

Known as being a part of the southwest quarter of Section 14 in Wooster Township, T-15N, R-13W in Wayne County, Ohio and more fully described as follows;

Commencing at the southwest corner of the southwest quarter of Section 14;

THENCE N 89° - 40' - 33" E along the section line 1178.87 feet to the centerline of U. S. Route 250;

THENCE along the centerline curve of U. S. Route 250 20.14 feet to a point being P.T. Sta. 40 + 97.62;

THENCE N 25° - 06' - 24" E 67.78 to a point on the LA right of way line.

THENCE N 64° - 38' - 12" W along the LA right of way line 101.41 feet to an iron rod;

THENCE N 69° - 49' - 36" W along the LA right of way line 177.28 to an iron pipe, the PLACE OF BEGINNING:

THENCE N 14° - 19' - 24" E 289.20 feet to an iron pipe;

LEASE (contd)

LEGAL LAND DESCRIPTION (contd):

THENCE N 72° - 47' - 36" W 167.39 feet to an iron pipe;

THENCE N 2° - 41' - 20" W 605.20 feet to an iron pipe;

THENCE S 89° - 08' - 56" W 474.12 feet to an iron pipe on the LA right of way line for WAY 83/250 - 7.15/13.66;

THENCE S 14° - 26' - 04" E along the LA right of way line 687.14 feet to an iron rod;

THENCE S 43° - 15' - 42" E along the LA right of way line 178.89 feet to an iron rod;

THENCE S 64° - 06' - 58" E along the LA right of way line 301.50 feet to an iron rod;

THENCE S 69° - 49' - 36" E along the LA right of way line 25.00 feet to the PLACE OF BEGINNING and containing 8.133 acres.

BUILDINGS

(1) Dairy barn and attached sheds listed in Ohio Capital Inventory Volume 14 Page 47 Building Number 2.018 and located on above described land. For the duration of this lease, all costs and responsibility for maintenance of this building shall be the responsibility of The Ohio State University. The University shall have the right to remodel, add to or change this building to meet the requirements of the teaching program, with the provision that proposed building changes be approved by the Director of The Center prior to effecting the change.

(2) Silo - Harvestore 14 x 50 located on above described land adjacent to above dairy barn. The University shall have the use of this silo for the duration of this lease - all maintenance or other costs necessary for use of this silo will be the responsibility of The University.

The University shall pay to The Center \$7,500.00 for the use of this silo; payment to be a lump sum; one time charge to reimburse The Center for replacement of the silo at another location.

(3) Dairy Residence - Duplex, Ohio Capital Inventory Volume 14, Page 92 BLDG. No. 6.015 Unit 13 Apartment B - The Ohio State University hereby leases Apartment 13B of this unit for housing a Dairy Herdsman. The University agrees to pay to The Center a mutually agreed upon monthly charge for the use of this apartment. The University employee living in the facility will be responsible for all utility charges for Apartment B. The Center will be responsible for all maintenance of this Unit.

LEASE (contd)

APPURTENANCES:

(1) Water Well - The existing water well provides water for the Dairy Barn, Dairy Residence, Maternity Barn, Pole Building and adjacent O.A.R.D.C. pastures. The University under this lease agreement will pay for electric charges to operate the pump to serve the above uses. The Center will pay all maintenance and replacement costs on the well, pump, and pressure tank. Water line maintenance and/or replacement will be the responsibility of the respective user of the service line.

(2) Fences, Gates, Etc. - All fences and gates existing on the land described herein shall become the property of The University. Additional fencing required and/or repair or replacement of fencing shall be the responsibility of The University.

It is understood between the parties that such land, buildings and appurtenances shall be used in accordance with the provisions of Section 903.011, Ohio Revised Code.

The term of this lease will be perpetual, or until such time as the General Assembly of the State of Ohio shall, by appropriate action, cause the effort undertaken by The University hereunder to be terminated.

Upon termination of this lease, the interest herein conveyed shall be disposed of pursuant to law then in effect.

IN WITNESS WHEREOF, the parties have executed this lease agreement on the day and year first above written.

Witnesses:

Board of Control of the Ohio Agricultural
Research and Development Center

By _____
Grantor

Witnesses:

Board of Trustees of The Ohio State
University

By _____
Grantee

STATE OF OHIO)
) ss
FRANKLIN COUNTY)

LEASE (contd)

BE IT REMEMBERED, that on this _____ day of _____, before me, the subscriber a Notary Public in and for said County, personally came the above-named Board of Control of the Ohio Agricultural Research and Development Center, by _____ its _____, the Grantor in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of said Board, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

[illegible]

BE IT REMEMBERED, that on this _____ day of _____, before me, the subscriber, a Notary Public in and for said County, personally came the above-named Board of Trustees of The Ohio State University, by _____ its _____, the Grantee in the foregoing Lease, and acknowledged the signing of the same to be the voluntary act and deed of the said Board of Trustees, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

LEASE (contd)

MEMORANDUM OF AGREEMENT

Addendum to Lease between Ohio Agricultural Research and Development Center and The Ohio State University Board of Trustees Covering 8.133 Acres in Wooster Township, Wayne County, Ohio.

In consideration of the lump sum payment of Seventy Five Hundred Dollars (\$7,500.00) by The Ohio State University for the Harvestore silo located on land covered by the referenced lease, the Ohio Agricultural Research and Development Center guarantees the use of the silo to The Ohio State University, Agricultural Technical Institute, for a period of not less than 15 years. If for any reason this lease is terminated prior to 15 years, OARDC will reimburse The Ohio State University by an amount directly proportionate to the number of years of use (\$500.00 per year) remaining in the guaranteed minimum of 15 years.

Board of Control of the Ohio Agricultural
Research and Development Center

By _____
Grantor

Board of Trustees of The Ohio State
University

By _____
Grantee

June 8, 1978 meeting, Board of Trustees

**LEASE OF LAND AND EASEMENT
ACKERMAN ROAD AND OLENTANGY RIVER ROAD (contd)**

WHEREAS the City of Columbus, Division of Water, wishes to lease a 60 foot x 62 foot portion of said land for an original term of two years with three options to renew, for the sole purpose of providing for the maintenance of a booster station; and

WHEREAS the Division of Water has requested a pipeline easement for 265 lineal feet of existing water mains located northwest of the above described land; and

WHEREAS it has been determined that the leasing of this plot of land for the maintenance of said booster station will not interfere with current or anticipated future use of adjacent University land; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE, IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for said lease and easement.

Upon motion of Mr. Gushman, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

REPORT - FISCAL AFFAIRS COMMITTEE

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM

Resolution No. 78-142

Synopsis: Increased liability limits of \$4,000,000 per occurrence and \$6,000,000 annual aggregate is proposed.

WHEREAS the Board of Trustees on December 15, 1976 authorized the establishment of a \$2,000,000 reserve for funding a self-insured hospital professional liability program, including an indemnification and hold-harmless agreement for those hospital personnel formerly insured by the Ohio Medical Professional Liability Underwriting Association's policies, the liability limits of these policies to be carried forward in the self-insurance program; and

June 8, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM (contd)

WHEREAS based on the recommendations presented in an actuarial study made by The Wyatt Company, the Hospitals Self-Insurance and Indemnification Program Committee on December 6, 1977, unanimously recommended that effective December 15, 1977, the self-insured liability limits be increased from \$1,200,000 per occurrence and \$1,600,000 annual aggregate to \$4,000,000 per occurrence and \$6,000,000 annual aggregate; and

WHEREAS based upon these recommended limits, The Wyatt Company's actuarial study dated December 15, 1977, determined that an additional contribution of \$874,000 should be made to the fund:

NOW THEREFORE

BE IT RESOLVED, That the increased liability limits of \$4,000,000 per occurrence and \$6,000,000 annual aggregate, effective December 15, 1977, for the Hospitals Self-Insurance and Indemnification Fund be hereby affirmed, ratified and adopted, and that funding of the reserve be accomplished by transfer of \$874,000 to the Ohio National Bank as trustee of the program fund; and

BE IT FURTHER RESOLVED, That said coverage shall continue in effect until changed by further action of this Board.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--0--

EMPLOYMENT OF BENEFITS CONSULTANT

Resolution No. 78-143

Synopsis: Hiring of William M. Mercer, Inc., Cleveland, Ohio, as consultant to review the current status of the University's benefits programs is proposed.

WHEREAS the Board of Trustees at the April 7, 1978 meeting authorized the employment of a benefits consultant to examine and to provide a comprehensive evaluation of the University's benefits programs; and

WHEREAS specifications for examining and evaluating the numerous and varied University programs were submitted to a number of benefits consulting firms for bid; and

WHEREAS proposals have been received from several consulting firms offering their services to this University for the desired analysis:

June 8, 1978 meeting, Board of Trustees

REPORT - FISCAL AFFAIRS COMMITTEE (contd)

EMPLOYMENT OF BENEFITS CONSULTANT (contd)

NOW THEREFORE

BE IT RESOLVED, That on the basis of the proposals received it is hereby recommended that William M. Mercer, Inc., Cleveland, Ohio, be employed with the total cost not to exceed \$20,000 for the examination and evaluation of the University's benefits programs.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 78-144

RESOLVED, That the report on the University's Investment Portfolio dated May 31, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

REPORT BY PRESIDENT HAROLD L. ENARSON

Commencements mark both an end and a beginning. The Ohio State University awarded its first academic degree in 1878--one hundred years ago. Tomorrow this University will graduate the second largest class in its history--5,454 degrees will be awarded. Shortly thereafter, these graduates will enter the 'world of work,' or graduate schools; and the University will begin a new academic year.

The 1977-78 academic year, just ending, has not been an uneventful one. We have seen changes, problems--some old and some new, and substantial progress in some areas that had been identified earlier as concerns. It might be useful then to reflect--if only briefly--on this past year, and to take note of where we have come and where we are.

Changes:

Many of the changes within an institution like ours seem barely perceptible over just a year's time. These are reflected in the attitudes of people--the 'mood' of the campus if you will. Students, in particular, really do defy accurate generalizations--though I would observe that our students today are at once as fun-loving and as hard-working as any generation of students with whom I have dealt. I have also observed a renewed civility, respect for differences and for one another, that has sometimes been lacking in the past.

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Changes: (contd)

Two weeks ago we commemorated Memorial Day with an ROTC review and ceremony on the Oval--an event which only a few years ago would have surely prompted a large-scale protest. At this event, however, the students who have chosen to serve their country in the armed forces received the respect they deserved--not, I am sure, because all students agree with our nation's defense policies, but rather because of a respect for the rights of those who do or who choose to serve in the military.

I hope, as President, that this sense of civility and mutual respect will continue to grow on this and other campuses.

Other changes are more visible. Physical changes: the construction work on Rhodes Hall continues; Larkins Hall is in full use and serving large numbers of students and faculty; the Mershon addition is now a visible promise; the Hayes Hall restoration has progressed; and new faculty offices are now in use in the Administration Building.

So too, faces have changed: this Board today has appointed one new Vice President, and only a few months ago had appointed another. During the past year you have appointed a new Dean for the College of Law and one for the College of Humanities. This marks the completion of the first full year of service for our Dean in the College of Pharmacy; and we hope soon to be bringing to you new candidates for the Deanships in Social and Behavioral Sciences and Biological Sciences.

Problems--New and Old:

Inflation. As you have seen from our budget presentation today, the University continues to wage a losing battle against inflation. While we have been somewhat successful in maintaining the purchasing power of faculty and staff salaries and in keeping increases in student fees below cost of living levels, this has been costly in other ways. The pinch has been felt most sharply in our equipment and operating budgets, and we simply must provide some relief there or expect serious consequences for our academic programs.

The University--like all of us as individuals--is hurt by rising utility rates, food prices, and a host of other cost increases. But the University is also a large-scale purchaser of special items--scientific equipment, books and periodicals. And the prices of these are increasing at a higher rate than prices generally in the economy--even as our resources fail to keep that pace.

The problem of severe inflation has been with us for several years now, and the eroding effect it has had on our resources is critical--and no solution appears in sight.

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Problems--New and Old: (contd)

NCAA Investigation. As is now a matter of common knowledge, our intercollegiate athletic program has been under an extensive investigation by the NCAA this past year--with particular reference to our football recruitment activities. This has been a time-consuming and expensive exercise, though not a useless one.

Our own staff's investigation did uncover a few relatively minor, technical violations of NCAA regulations. These were reported to the NCAA, and became the focus of their investigation. This investigation confirmed that these few violations had taken place, but failed to find any pattern of serious or willful violations on the part of our staff or representatives.

While we have committed a few errors in this regard (common errors among colleges and universities engaged in recruiting student-athletes), the NCAA staff and Committee on Infractions found that our staff had made a serious effort to comply with the rules, and had not hesitated to disclose our own errors to the NCAA when it was realized that violations had occurred.

We will move forward to correct our practices in those areas where we have erred, but are generally gratified by the work of our staff and remain confident of their integrity as well as their success.

Medical Practice Plan. The issue of a medical practice plan has been under review at this University since the mid 1950's. The practice plan adopted by this Board on March 3 is--to state the obvious--now the subject of litigation. To challenge the action of this Board and administration through litigation is the right of these faculty and, in the event the matter cannot be settled amicably, we must all stand prepared to fully litigate these issues and abide by the determination of the courts.

Affirmative Action. We have been in a process of reexamining our affirmative action efforts this past year--as a result of both the Report of the Commission on Women and Minorities and our negotiations with the Department of Health, Education and Welfare. The latter negotiations, you will recall, resulted in a Conciliation Agreement which we entered into last November in order to continue our eligibility as a recipient of federal contracts.

We have undertaken, in good faith, to seriously consider the recommendations of the Commission and to fulfill our obligations under the Conciliation Agreement. But neither of these will, in and of itself, bring about effective affirmative action. That remains the job of all of us, and will require our continued hard work and attention.

June 8, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Progress:

Faculty and Staff Salaries. While it is true that our faculty and staff salaries are barely keeping pace with inflation, we have found that our compensation levels are good in comparison with our sister institutions. In a recent study of faculty salaries at 20 universities, conducted by the Oregon Department of Higher Education, Ohio State ranked first for nine-month Assistant and Associate Professors, and fourth for full Professors. The institutions surveyed included nine of the Big Ten institutions and several other major research universities.

Research. You will recall that a short time back we had expressed serious concern about a decline in the amount of research support being attracted to our campus. I am pleased to report that some substantial progress has been made in turning that situation around.

A report from The Ohio State University Research Foundation (OSURF) for the first nine months of this fiscal year indicates that the research activity traditionally handled by that agency has increased by 60 per cent from that experienced during the same period a year ago. Particularly encouraging has been the amount of support from the Department of Energy (up 125.4%) and a number of other miscellaneous federal agencies (up nearly 700%).

There is a danger in reading both too much or too little in these statistics; but we believe they are a sign of significant progress and a cause for cautious optimism about our capacity to attract sponsored research support.

Fund Raising. Our increased efforts in fund raising from the private sector appear to be paying off. Sometime within the next 30 days, this University will receive its 100 millionth dollar in private gifts--some 35 million of these will have been received in just the past 3½ years.

This year will be another good year for the Development Fund. But our need for private dollars--especially to fund those chairs and professorships to attract truly outstanding scholars to OSU--is great.

This coming year we will begin several bold new thrusts in this area; and we are confident that the tangible support so many people have provided this University will again help us to reach our goals.

Enrollments. We are cautiously optimistic that the enrollment levels we set as goals for the 1978-79 academic year will be met. With respect to entering freshmen, we found again this year that the demand for places in our fall quarter classes remain very strong.

June 8, 1978 meeting, Board of Trustees

REPORT BY PRESIDENT HAROLD L. ENARSON (contd)

Progress: (contd)

We are all aware that institutions of higher education nationally face a period of declining enrollments; indeed, this decline began at many institutions several years ago. OSU will not, of course, be immune from the demographic trends or the problems they will create. But we remain encouraged and deeply gratified by the confidence the people of Ohio express in this great University as so many of them select OSU as the place to receive their education or to provide their sons and daughters with that opportunity.

As our new alumni graduate to face an uncertain future, so too the University looks forward to both the problems and the opportunities that the new academic year will bring. We hope that--like our graduates--we are prepared for both.

I would simply conclude by expressing my dismay as President of this University at the pattern of school closings in this state. I would say, as somebody who has spent my working life in higher education, that this is a serious and tragic matter. I would also say that I grew up as a child of the depression. Even in the depression the American people invested in their young people; schools weren't closed. Some of us went through school on NYA and other kinds of assistance. And along with--I would guess--many members of this Board and many of the adults who voted against school levies the day before yesterday around the state, I never missed a day of classes because schools were closed. There is no doubt about it; this is bound to have a serious effect on the qualifications of our entering freshmen and their capacity to do college work. I hope you'll forgive me for stating the obvious, but sometimes we choose to ignore the obvious.

--O--

Thereupon the Board adjourned to meet Friday, July 21, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Patricia D. James
Acting Chairman

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